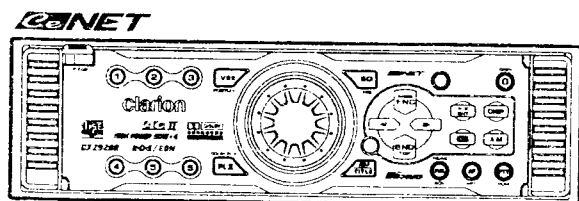


Service Manual



High End RDS-EON AM/FM Radio
CD Combination

Model **DXZ928R**
(PE-2478E-A)

SPECIFICATIONS

Radio section

Tuning system: PLL synthesizer tuner
Receiving frequencies: FM 87.5 to 108MHz
(0.05MHz steps)
MW 531 to 1602kHz(9kHz steps)
LW 153 to 279kHz(3kHz steps)

CD player section

System: Compact disc digital audio system
Frequency response: 5Hz to 20kHz(± 1 dB)
S/N ratio: 100dB(1kHz)IHF-A
Dynamic range: 96dB(1kHz)
Distortion: 0.01%

General

Output Power: 4 $\times$ 31W(DIN45324, +B=14.4V)
Power supply voltage: 14.4V DC(10.8 to 15.6V allowable)
negative ground
Current consumption: Less than 15A
Speaker impedance: 4 Ω (4 Ω to 8 Ω allowable)
Auto antenna rated current: 500mA or less
Dimensions(mm): Main unit
178(W) $\times$ 50(H) $\times$ 181.5(D)
Remote control unit
32(W) $\times$ 56(H) $\times$ 24(D)
Weight: Main unit 1.7kg
Remote control unit 30g
(including battery)

NOTE

- * We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.
- * Only CDs and CD-ROMs having the  or  mark can be used in this unit.
Some CDs recorded in CD-R mode may not be usable. Even when recorded in CD-RW mode, some CDs not be usable.
- * Specifications and design are subject to change without notice for further improvement.
- * Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

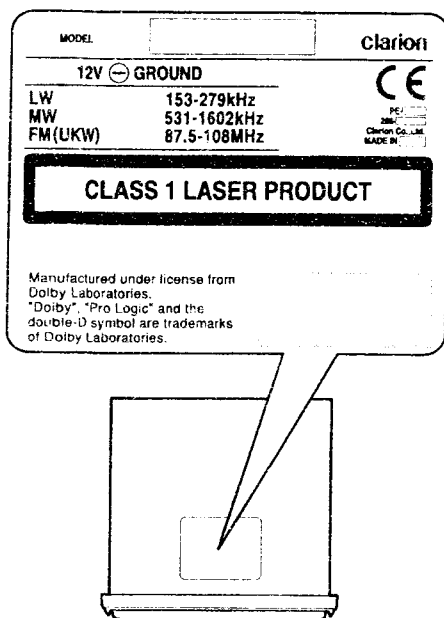
COMPONENTS

Main unit	-----	1
Mounting bracket	300-7742-00	1
DCP case	335-6777-00	1
Outer escutcheon	370-6007-02	1
Extension lead	854-6362-52	1
Remote control unit	RCB-147-200	1
Parts bag	-----	
Battery(CR2032)	088-0051-00	1
IR plate	291-0088-00	1
Parts bag	-----	
Removal key	331-2497-00	2
Rubber spacer	345-3653-20	1
Screw(M5 $\times$ 8)	716-0726-01	1

■ CAUTIONS

This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read this Owner's Manual carefully and keep this manual for your future reference. In case of any trouble with this player, please contact your nearest "AUTHORIZED service station". To prevent direct exposure to the laser beam, do not try to open the enclosure.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OWNER'S MANUAL MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



■ To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.

The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.

The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

2. Place the parts and wiring back in their original positions after replacement or re-wiring.

For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc, is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.

If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.

3. Check for safety after repair.

Check that the screws, parts and wires are put back securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired spots.

If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

4. Caution in removal and making wiring connection to the parts for the automobile.

Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur. If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions regarding chips.

Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc). The negative pole of tantalum capacitors is highly susceptible to heat, so use special care when replacing them and check the operation afterwards.

6. Cautions in handling flexible PWB

Before working with a soldering iron, make sure that the iron tip temperature is around 270°C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.

7. Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

8. Cautions in checking that the optical pickup lights up.

The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking that the laser optical diode lights up, keep your eyes more than 30cms away from the lens. Prolonged viewing of the laser within 30cms may damage your eyesight.

9. Cautions in handling the optical pickup

The laser diode of the optical pickup can be damaged by electrostatic charge caused by your clothes and body. Make sure to avoid electrostatic charges on your clothes or body, or discharge static electricity before handling the optical pickup.

9-1. Laser diode

The laser diode terminals are shorted for transportation in order to prevent electrostatic damage. After replacement, open the shorted circuit. When removing the pickup from the mechanism, short the terminals by soldering them to prevent this damage.

9-2. Actuator

The actuator has a powerful magnetic circuit. If a magnetic material is put close to it. Its characteristics will change. Ensure that no foreign substances enter through the ventilation slots in the cover.

9-3. Cleaning the lens

Dust on the optical lens affects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

■ NOTES OF ISO CONNECTOR

1. For VW and Audi vehicles, change the position of fuse installation as shown on the diagram. (Figure 1)

EXTENSION CABLE type

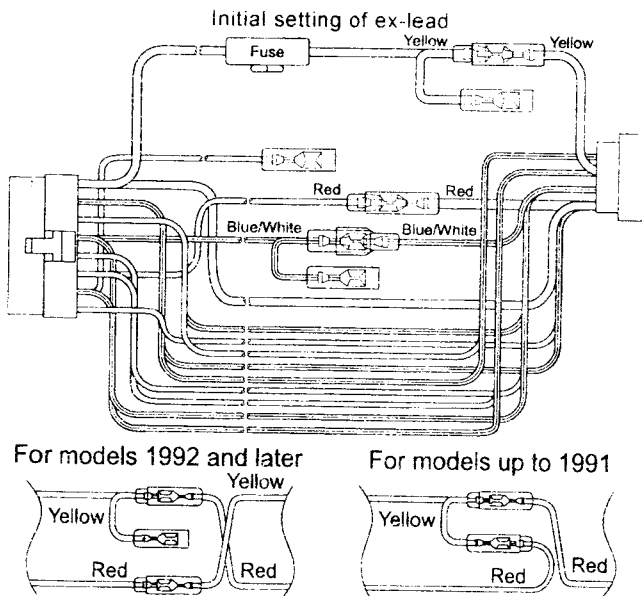


Figure 1

2. When the car stereo is installed in 1998 and later Volkswagen models, make sure to cut the car lead wire connected the A-5 terminal. (A breakdown could occur if the lead wire is not cut.) After cutting the lead wire, insulate the front end of the lead wire with insulation tape to prevent the risk of short-circuits. (Figure 2)

Note: Before cutting the lead wire, disconnect the car battery - (negative) cable.

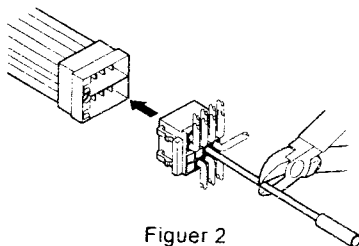


Figure 2

3. When the Main unit is also connected to an external amplifier, connect REMOTE on the external amplifier to the previously cut lead wire on the side of the connector.
4. When an ex-lead is required in the Extension cable type wiring procedure, disconnect the auto antenna leads (BLUE/WHITE). Be sure to insulate both the ISO connector side terminal and the main unit side terminal with insulation tape, respectively. (Figure 3)

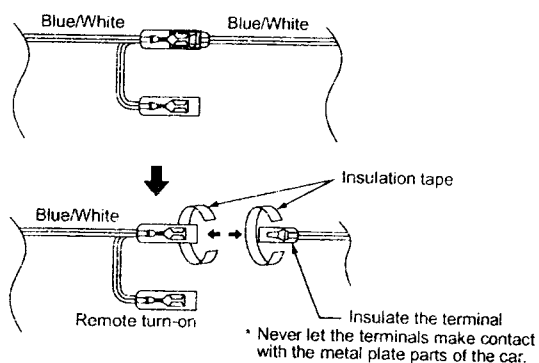


Figure 3

■ DUAL ACTION

This unit uses dual action to make large-screen displays possible.

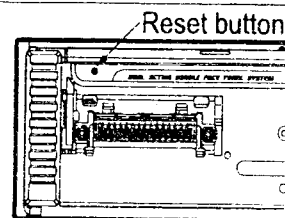
When you use the dual action, be sure to close it.

BE CAREFUL NOT TO GET YOUR FINGERS CAUGHT WHEN OPENING AND CLOSING THE DUAL ACTION

1. For safety's sake, always close the DUAL ACTION before leaving this unit unused for a prolonged period or switching OFF the ignition key.
If you switch OFF the ignition key with the DUAL ACTION tilted, the DUAL ACTION does not close.
2. Before the DUAL ACTION closes, there may be a braking sound from the safety mechanism. This is normal.
3. If you move the DUAL ACTION by hand, this may create play. To correct this play, with the power on for the unit, press the [OPEN] button to close the DUAL ACTION.
4. After a disc is ejected, the DUAL ACTION automatically returns to the tilted or closed state. If there is any obstruction when the DUAL ACTION tries to close, the safety mechanism is triggered and the DUAL ACTION returns to the open state. If this happens, remove the obstruction, then press the [OPEN] button.
5. To avoid scratching the compact disc, keep the 12 or 8 cm CD level when inserting or removing them.

■ TROUBLESHOOTING

Problem	Cause	Measure
Nothing happens when buttons are pressed. Display is not accurate.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, then press the [RELEASE] button and remove the DCP. Press the reset button with a thin rod.



■ ERROR DISPLAYS

If an error occurs, one of the following displays is displayed. Take the measures described below to eliminate the problem.

Mode	Error display	Cause	Measure
CD	ERROR 2	A CD is caught inside the CD deck and is not ejected.	This is a failure of CD deck's mechanism.
	ERROR 3	A CD cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A CD is loaded upside-down inside the CD deck and does not play.	Eject the disc then reload it properly.
CD changer	ERROR 2	A CD inside the CD changer is not loaded.	This is a failure of CD changer's mechanism.
	ERROR 3	A CD inside the CD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A CD inside the CD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
MD changer	ERROR H	Displayed when the temperature in the MD changer is too high and playback has been stopped automatically.	Lower the surrounding temperature and wait for a while to cool off MD changer.
	ERROR 2	An MD inside the MD changer is not loaded.	This is a failure of MD changer's mechanism.
	ERROR 3	An MD inside the MD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	An MD inside the MD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
		Displayed when a non-recorded MD is loaded in the MD changer.	Load a pre-recorded MD in the MD changer.
DVD changer	ERROR 2	A DISC inside the DVD changer cannot be played.	This is a failure of DVD changer's mechanism.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Retry or replace with a non-scratched, non-warped disc.
	ERROR 6	A DISC inside the DVD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
	ERROR P	Parental level error.	Set the correct Parental level.
	ERROR R	Region code error.	Eject the disc and replace correct region code disc.

If an error display other than the ones described above appears, press the reset button.

■ ADJUSTMENT

Item	Procedure	Measuring instrument
S-meter	1. Turn on the power and press the ENT button & PRESET No.6 button at the same time for about 2 seconds. (TEST MODE) 2. Input the 98.1MHz/30dB μ /400Hz or 15KHz(main90%+pilot10%)signal. 3. Adjust the reading of LCD display to [24---00](2.4V $\pm$ 0.2V) by VR101. 4. Push the ENT button & PRESET No.6 button at the same time for 2 seconds once again or do power off to cancel the TEST MODE.	SG

EXPLANATION OF IC

052-3376-00 M30624MGA-E36GP

System controller

1 Terminal Description

pin 1: PLL CE	O	The chip enable signal output to the PLL IC
pin 2: TIME BASE	IN	Time base pulse input
pin 3: CD SBSY	IN	The sub Q data request command input from the CD IC
pin 4: NU	-	Not in use
pin 5: SPEED PULSE	IN	The speed pulse input
pin 6: BYTE	IN	Connect to the ground
pin 7: CN VSS	IN	Connect to the ground
pin 8: NU	-	Not in use
pin 9: NU	-	Not in use
pin 10: RESET	IN	Reset signal input
pin 11: X OUT	O	Crystal connection
pin 12: VSS	-	Negative supply voltage
pin 13: X IN	IN	Crystal connection
pin 14: VCC	-	Positive supply voltage
pin 15: NMI	IN	Connect to the ground
pin 16: ACC DET	IN	ACC detection signal input
pin 17: BU DET	IN	Backup detection signal input
pin 18: KEY INT	IN	Key interrupting signal input
pin 19: 27pinConnect	IN	Connect to pin 27
pin 20: SPEED SEL 1	O	The time constant select signal output for the speed pulse counter
pin 21: SPEED SEL 2	O	The time constant select signal output for the speed pulse counter
pin 22: BEEP OUT	O	Beep out
pin 23: RDS CD TST	IN	For the test
pin 24: CLK REF	O	Reference clock pulse output
pin 25: DCP DET	O	DCP detection signal output
pin 26: PULSE DIMM	O	Dimmer pulse output for LCD back light
pin 27: IE BUS RX	IN	IE Bus serial data input
pin 28: IE BUS TX	O	IE Bus serial data output
pin 29: DSP INIT RST	O	The reset signal output to DSP IC
pin 30: DSP RST	O	Reset pulse output to the DSP IC
pin 31: AUDIO SEL 1	O	The select signal output to the audio signal input selector. Refer Table 1
pin 32: AUDIO SEL 2	O	The select signal output to the audio signal input selector. Refer Table 1
pin 33: DSP SO	O	Serial data output to the DSP IC
pin 34: DSP SI	IN	Serial data input from the DSP IC
pin 35: DSP SCK	O	The clock pulse output to DSP IC
pin 36: DSP RDY	IN	Ready signal input from the DSP IC
pin 37: DSP RQ	O	Request signal output to the DSP IC
pin 38: CD ZMT CUT	O	Zero cross mute cutting signal output
pin 39: DSP S MUTE	O	Soft muting starting signal output to the DSP IC
pin 40: LD MUTE	O	Muting signal output to the CD mechanism
pin 41: LD CONT	I/O	Communication line with the CD mechanism
pin 42: CD TR A	IN	The photo sensor signal input from the CD mechanism
pin 43: CD TR B	IN	The photo sensor signal input from the CD mechanism
pin 44: CD CHK SW	IN	CD disc chucking signal input
pin 45: CD SSTOP	IN	At loading, detects the chucking. And next, detects the inside limit of the pick up position
pin 46: CD RESET	O	The reset pulse output to the CD IC
pin 47: CD CCE	O	The chip enable signal output to the CD IC
pin 48: CD BU CK	O	CD IC clock pulse output
pin 49: CD BUS 3	I/O	The data bus
pin 50: CD BUS 2	I/O	The data bus
pin 51: CD BUS 1	I/O	The data bus
pin 52: CD BUS 0	I/O	The data bus
pin 53: CD 5V	O	Power supply control signal output for the CD IC / DAC IC. "H"= ON.
pin 54: CD 6V	O	Power supply control signal output for the motor / photo IC. "H"= ON.
pin 55: AUDIO SEL 3	O	The select signal output to the audio signal input selector. Refer Table 1
pin 56: BUS I/O	O	The audio signal select command output for Ce-NET
pin 57: VOL STB	O	The strobe pulse output to the volume IC
pin 58: VOL DT	O	The serial data output to the volume IC
pin 59: VOL CK	O	The clock pulse output to the volume IC
pin 60: VCC	-	Positive supply voltage
pin 61: CATS LED	O	CATS LED drive output
pin 62: VSS	-	Negative supply voltage
pin 63: MOTOR REM	O	Power supply ON signal output for the slope mechanism motor
pin 64: SLOPE MTR-	O	The slope motor control signal output
pin 65: SLOPE MTR+	O	The slope motor control signal output
pin 66: SLOPE V CNT	O	The slope voltage control signal output
pin 67: OPEN POSI	IN	The open position detect signal input
pin 68: NU	-	Not in use
pin 69: CLOSE POSI	IN	The close position detect signal input
pin 70: KEY ILL REM	O	Key illumination ON signal output
pin 71: 5V REM	O	5V power supply ON signal output
pin 72: AMP REM DT	IN	Remote controller wire short detection
pin 73: RDS CLK	IN	RDS clock pulse input
pin 74: SYS MUTE	O	System muting signal output
pin 75: LINE MUTE	O	The line mute signal output
pin 76: AMP MUTE	O	Muting signal output to the Audio Power Amplifier
pin 77: SYS ACC	O	ACC detect signal output
pin 78: NU	-	Not in use
pin 79: PHONE INT	IN	The telephone interrupt signal input
pin 80: NAVI MUTE	O	Muting signal output to suppress the noise at Navigation sound interrupting
pin 81: RDS TEST ST	O	Outputting "H" without the test mode
pin 82: MUTE SPD UP	O	Station detection speed up command output for RDS
pin 83: RDS DATA	IN	RDS serial data input
pin 84: NOISE DCHG	O	RDS noise discharge signal output
pin 85: RDS MUTE	O	RDS mute signal output
pin 86: ST SD	IN	At receiving the FM station, this port detects the stereo signal
pin 87: KEY AD	IN	Input terminal of A/D converter for Key judgment
pin 88: S METER	IN	The input terminal of internal A/D converter to monitor the radio field strength
pin 89: NOISE 1	IN	Input terminal of the internal ADC to sense the RDS-noise-level
pin 90: W ILL Amber	O	The amber LED control signal output
pin 91: W ILL Green	O	The green LED control signal output
pin 92: AMP REM OUT	O	Amplifier ON signal output terminal
pin 93: DIMMER IN	IN	Voltage detector input terminal for Automatic Dimmer
pin 94: A VSS	-	Analog ground
pin 95: ILL DET	IN	Illumination ON signal input
pin 96: Vref	-	Reference voltage
pin 97: A VCC	-	Positive supply voltage for the internal analog section
pin 98: PLL SI	IN	Serial data input from the PLL IC
pin 99: PLL SO	O	Serial data output to the PLL IC
pin 100: PLL SCK	O	The clock pulse output to the PLL IC

Table 1. The select signal output(audio signal input selector)

	AUDIO SEL 1 (pin 31)	AUDIO SEL 2 (pin 32)	AUDIO SEL 3 (pin 55)
CD	H	H	L
AUX	L	H	L
TUNER	H	L	L
BUS	L	L	H

1. Terminal Description

pin 1: CONT CONT	O	LCD contrast control voltage output.
pin 2: NU	-	Not in use.
pin 3: NU	-	Not in use.
pin 4: NU	-	Not in use.
pin 5: REMOCON	IN	Remote controller signal input terminal.
pin 6: BYTE	IN	Input "L" at single mode operation.
pin 7: CN VSS	IN	Input "L" at single mode operation.
pin 8: INIT 1	IN	Destination setting input. Refer Table 1.
pin 9: INIT 2	IN	Destination setting input. Refer Table 1.
pin 10: RESET	IN	Reset signal input.
pin 11: X OUT	O	Crystal connection.
pin 12: VSS	-	Negative supply voltage.
pin 13: X IN	IN	Crystal connection.
pin 14: VCC	-	Positive supply voltage.
pin 15: NMI	IN	Connect to VCC.
pin 16: SYS ACC	IN	ACC detect signal input.
pin 17: BU DET	IN	Backup detection signal input.
pin 18: NU	-	Not in use.
pin 19: 27pin connect	IN	Connect to 27pin.
pin 20: NU	-	Not in use.
pin 21: NU	-	Not in use.
pin 22: NU	-	Not in use.
pin 23: NU	-	Not in use.
pin 24: KEY STANDBY	O	Standby pulse output for the key scan IC.
pin 25: ON Board WR	IN	Input "L" at write mode.
pin 26: NU	-	Not in use.
pin 27: IE BUS RX	IN	IE Bus serial data input.
pin 28: IE BUS TX	O	IE Bus serial data output.
pin 29: KEY CHIP SEL	O	The chip select signal output to the key scan IC.
pin 30: KEY CLK	O	The clock pulse output for the key scan IC.
pin 31: KEY DI	IN	Key scan data input.
pin 32: KEY DO	O	The serial data output to the Key scan IC.
pin 33: LCD SO	O	The serial data output to the LCD driver.
pin 34: LCD SI	IN	The serial data input from the LCD driver.
pin 35: LCD CLK	O	The clock pulse output to the LCD driver.
pin 36: LCD KEY REQ	IN	The key request signal input from the key scan IC.
pin 37: LCD CS	O	The chip select signal output to the LCD driver.
pin 38: DISP 5V REM	O	The power supply circuit control signal output for DCP.
pin 39: NU	-	Not in use.
pin 40: NU	-	Not in use.
pin 41: NU	-	Not in use.
pin 42: NU	-	Not in use.
pin 43: NU	-	Not in use.
pin 44: NU	-	Not in use.
pin 45: NU	-	Not in use.
pin 46: NU	-	Not in use.
pin 47: NU	-	Not in use.
pin 48: NU	-	Not in use.
pin 49: NU	-	Not in use.
pin 50: NU	-	Not in use.
pin 51: MUSIC IND	O	ON command output to the indicator for "MUSIC".
pin 52: MATRIX IND	O	ON command output to the indicator for "MATRIX".
pin 53: MOVIE IND	O	ON command output to the indicator for "MOVIE".
pin 54: VIRTUAL IND	O	ON command output to the indicator for "VIRTUAL".
pin 55: DISC IND	O	ON command output to the indicator for "DISC".
pin 56: SCN IND	O	ON command output to the indicator for "SCN".
pin 57: RPT IND	O	ON command output to the indicator for "RPT".
pin 58: RDM IND	O	ON command output to the indicator for "RDM".
pin 59: NU	-	Not in use.
pin 60: VCC	-	Positive supply voltage.
pin 61: NU	-	Not in use.
pin 62: VSS	-	Negative supply voltage.
pin 63: NU	-	Not in use.
pin 64: NU	-	Not in use.
pin 65: NU	-	Not in use.
pin 66: NU	-	Not in use.
pin 67: NU	-	Not in use.
pin 68: NU	-	Not in use.
pin 69: NU	-	Not in use.
pin 70: NU	-	Not in use.
pin 71: NU	-	Not in use.
pin 72: NU	-	Not in use.
pin 73: NU	-	Not in use.
pin 74: NU	-	Not in use.
pin 75: NU	-	Not in use.
pin 76: NU	-	Not in use.
pin 77: JOG CW	IN	Jog key signal input.
pin 78: JOG CCW	IN	Jog key signal input.
pin 79: NU	-	Not in use.
pin 80: NU	-	Not in use.
pin 81: NU	-	Not in use.
pin 82: NU	-	Not in use.
pin 83: NU	-	Not in use.
pin 84: NU	-	Not in use.
pin 85: NU	-	Not in use.
pin 86: NU	-	Not in use.
pin 87: NU	-	Not in use.
pin 88: NU	-	Not in use.
pin 89: NU	-	Not in use.
pin 90: DCP DET IN	IN	The DCP detection signal input.
pin 91: NU	-	Not in use.
pin 92: NU	-	Not in use.
pin 93: NU	-	Not in use.
pin 94: A VSS	-	Analog ground.
pin 95: NU	-	Not in use.
pin 96: Vref	-	Reference voltage.
pin 97: A VCC	-	Positive supply voltage for the internal analog section.
pin 98: NU	-	Not in use.
pin 99: NU	-	Not in use.
pin 100: NU	-	Not in use.

Table 1. The destination setting terminal

	North America	Third area	Japan	Europa
INITIAL 1 (pin 8)	H	L	H	L
INITIAL 2 (pin 9)	L	L	H	H

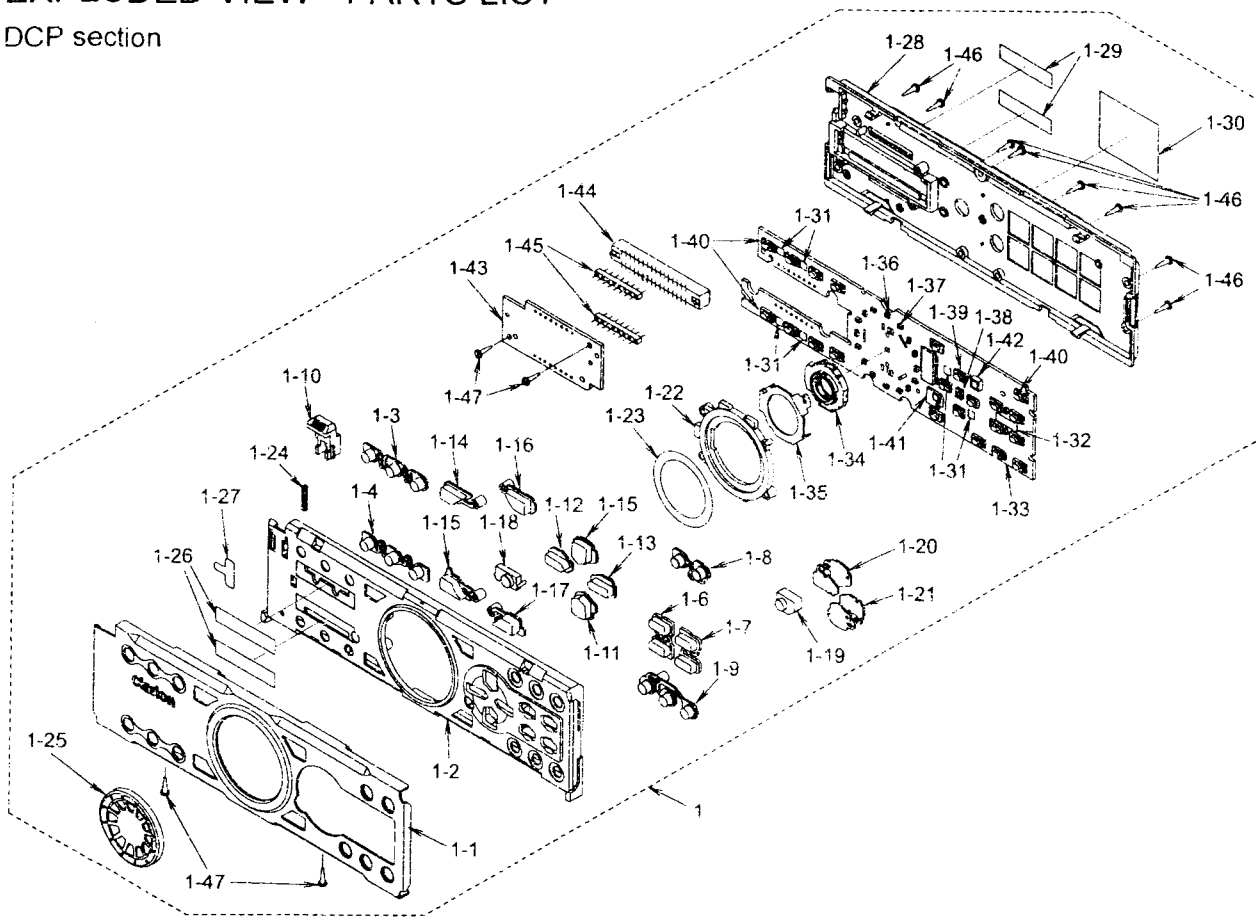
Main section



DXZ92BR

EXPLODED VIEW • PARTS LIST

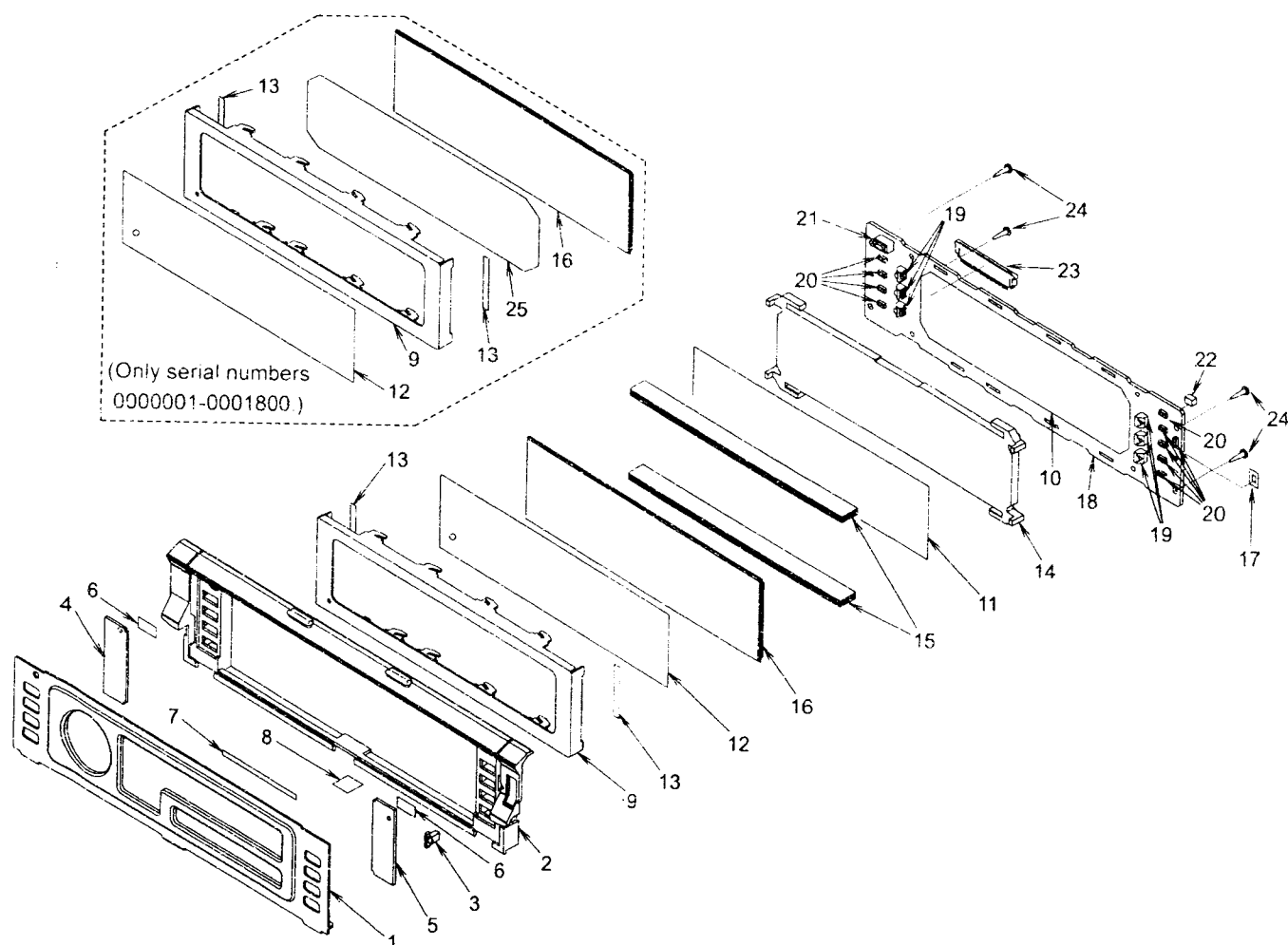
DCP section



Note) Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	DCY-393-700	DCP ASSY	1	1-25	947-0523-00	KNOB ASSY	1
1-1	371-5708-03	FACE PAEL	1	1-26	347-6707-00	COVER-FILM	2
1-2	370-5990-03	ESCUTCHION	1	1-27	347-6710-00	SURGE FILM	1
1-3	382-6381-01	BUTTON(1-3)	1	1-28	335-6675-01	REAR -CVR	1
1-4	382-6382-01	BUTTON(4-6)	1	1-29	347-6708-00	COVER-FILM	2
1-5	382-6383-00	BUTTON(FNC/BND)	1	1-30	347-6709-00	COVER-FILM	1
1-6	382-6385-01	BUTTON(ENT/TA)	1	1-31	345-8727-00	RUBBER PART	6
1-7	382-6386-00	BUTTON(AM/DISP)	1	1-32	345-8744-00	RUBBER PART	1
1-8	382-6387-04	BUTTON(OPEN)	1	1-33	039-2100-00	PWB(DCP) (WITHOUT COMPONENT)	1
1-9	382-6388-03	BUTTON(PS/AF/PT)	1	1-34	013-8004-50	ROTARY SW	1
1-10	382-6389-00	BUTTON(REL)	1	1-35	331-3322-00	JOG-SW-HOLDER	1
1-11	382-6437-00	BUTTON(BND)	1	1-36	001-7043-90	DIODE(GREEN)	10
1-12	382-6438-00	BUTTON(LEFT)	1	1-37	001-7064-90	DIODE(RED)	8
1-13	382-6439-00	BUTTON(RIGHT)	1	1-38	001-7040-90	DIODE(BLUE)	1
1-14	382-6440-00	BUTTON(VSD/EQ)	1	1-39	013-6507-50	SWITCH	4
1-15	382-6441-00	BUTTON(PL2)	1	1-40	013-6519-50	LUMI SWITCH(R/G)	18
1-16	382-6442-00	BUTTON(EQ)	1	1-41	060-4008-00	IR-RECEIVER	1
1-17	382-6443-00	BUTTON(ADJ)	1	1-42	060-4011-80	PHOTO-TR	1
1-18	335-6676-00	IR-FILTER	1	1-43	039-2101-00	PWB(CONNECTOR) (WITHOUT COMPONENT)	1
1-19	335-6677-00	LENS	1	1-44	076-0647-00	PLUG(16P)	1
1-20	335-6696-00	BUTTON HOLDER	1	1-45	076-0658-08	PLUG(8P)	2
1-21	335-6697-00	BUTTON HOLDER	1	1-46	716-0872-11	SCREW(M1.7X6)	8
1-22	335-6698-00	ILLUMI PLATE	1	1-47	716-1764-00	PAD SCREW(M1.7X5)	4
1-23	347-6759-00	FILM	1				
1-24	750-6722-00	SPRING	1				

Rear-Escutcheon section



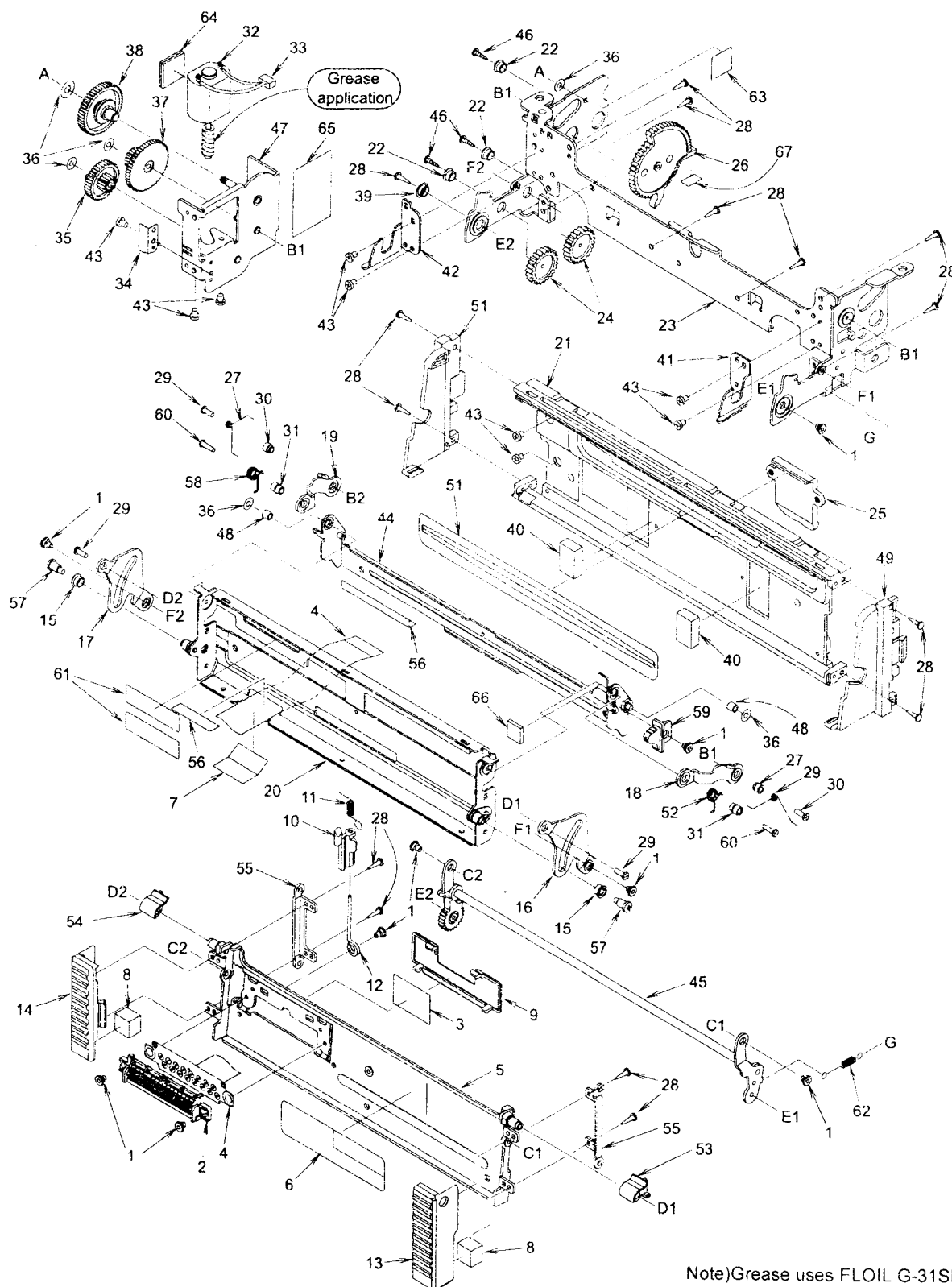
NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	371-5709-02	FACE PANEL	1	13	347-6813-00	DOUBLE FACE	2
2	370-5991-02	ESCUTCHEON	1	14	335-6682-01	LCD HOLDER	1
3	335-6772-00	ILLUMI PARTS	1	15	345-8715-01	RUBBER CONNECT	2
4	347-6665-00	IND-FILM(R)	1	16	379-1227-51	INDICATOR	1
5	347-6666-00	IND-FILM(L)	1	17	345-8726-00	RUBBER PART	1
6	347-5161-00	DOUBLE-FACE	2	18	039-2099-00	PWB(LCD) (WITHOUT COMPONENT)	1
7	347-6501-00	DOUBLE FACE	1	19	001-7055-90	DIODE(WHITE)	6
8	347-6522-00	DOUBLE FACE	1	20	001-7062-90	DIODE(RED)	10
9	331-3336-01	LCD-CVR (from serial No.0001801)	1	21	013-6507-50	SWITCH	1
10	347-6606-00	REFLECTOR	1	22	013-7411-50	DETECTOR SWITCH	1
11	347-6682-00	FILM	1	23	074-1195-78	OUTLET SOCKET(28P)	1
12	347-6683-01	FILM(from serial No.0001801)	1	24	716-0872-02	PAD SCREW(M1.7X5)	4

NOTE)

Serial numbers 0000001-0001800 are using the following parts.
Keep in mind that there is no compatibility of parts.

NO.	PART NO.	DESCRIPTION	Q'TY
9	331-3336-00	LCD-CVR	1
12	347-6683-00	FILM	1
25	347-6786-00	FILM	1

Inner-Escutcheon section



Note)Grease uses FLOIL G-31SB.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	716-1715-02	SCREW(M2)	9	10	335-6683-00	HOOK	1
2	074-1278-00	OUTLET SOCKET(16P)	1	11	750-6714-00	SPRING(HOOK)	1
3	347-6760-00	INSULATOR	1	12	341-1770-00	SHAFT(HOOK)	1
4	039-1862-00	FPC(WITHOUT COMPONENT)	1	13	335-6679-00	SIDE-CVR(FR)	1
5	947-0525-00	DCP-HOL-ASSY	1	14	335-6680-00	SIDE-CVR(FL)	1
6	291-0098-00	STICKER	1	15	341-1769-00	ROLLER(ARM)	2
7	347-6761-00	INSULATOR	1	16	331-3329-00	LEVER-MID(R)	1
8	345-8728-00	SPACER(CUSHION)	2	17	331-3330-01	LEVER-MID(L)	1
9	335-6678-00	CN-CVR	1	18	331-3327-00	LEVER-UP(R)	1

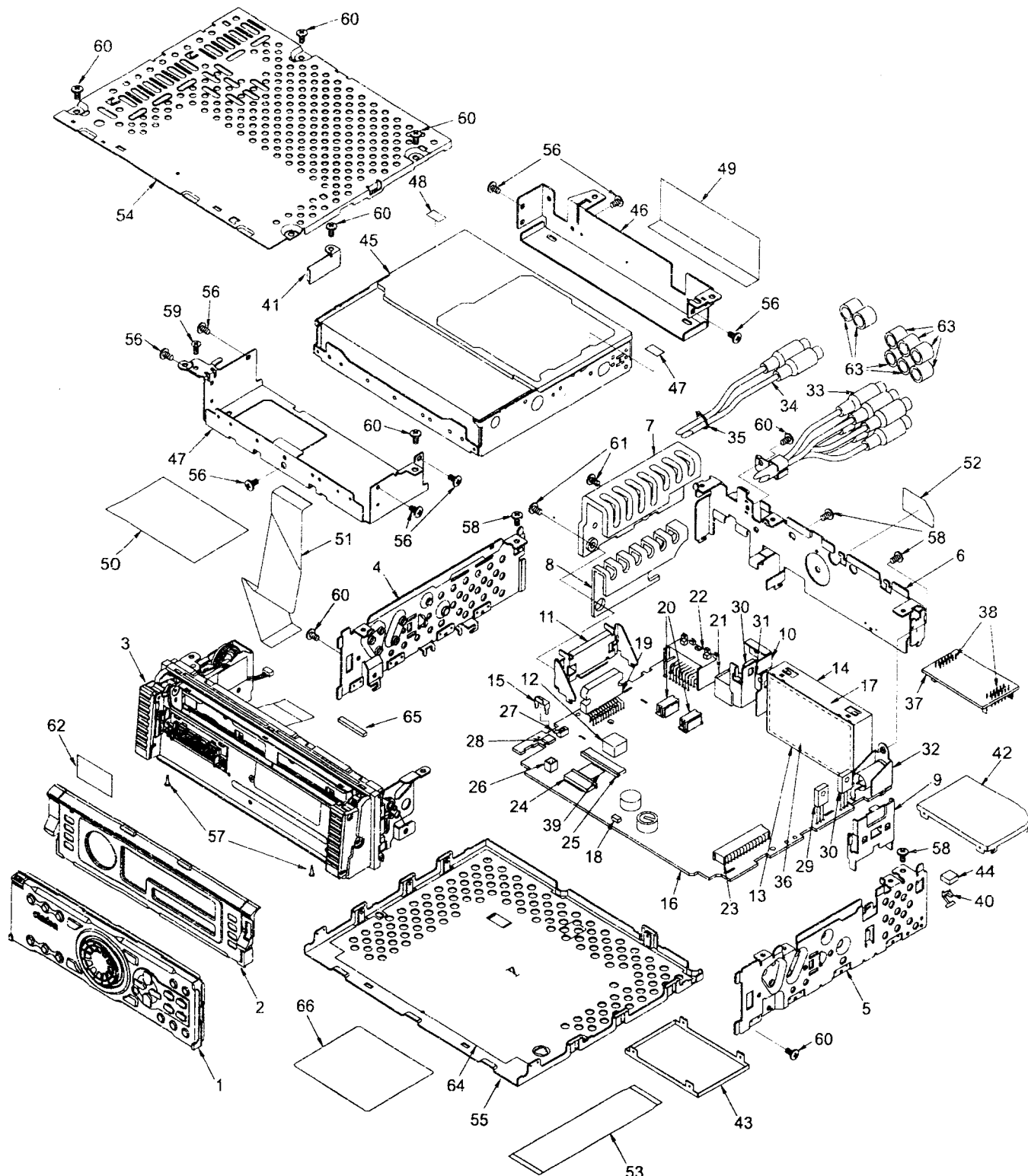
NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
19	331-3328-00	LEVER-UP(L)	1	44	947-0528-00	INNER-BRKT-ASSY	1
20	947-0524-00	DISP-HOL-ASSY	1	45	947-0519-01	LEVER-LO-ASSY	1
21	370-6005-02	ESCUTCHEON	1	46	716-1758-00	PAD SCREW(M2X5)	3
22	341-1767-00	SPACER(GEAR)	3	47	946-0079-01	GEAR-BOX ASSY	1
23	309-0782-01	FRONT PLATE	1	48	341-1788-00	ROLLER(SIDE)	2
24	613-0725-01	IDLLER-GEAR	2	49	335-6765-00	SIDE-CVR	1
25	335-6505-00	ILLUMI PLATE	1	50	335-6766-00	SIDE-CVR	1
26	613-0726-01	SW-GEAR	1	51	346-0150-02	LEATHER SHEET	1
27	750-6725-00	SPRING(U-ARM)	2	52	750-6726-00	SPRING(INNER)R	1
28	716-0872-02	PAD SCREW(M1.7X5)	15	53	335-6806-00	FRONT-COVER(R)	1
29	780-2005-00	SCREW(M2X5)	4	54	335-6807-00	FRONT-COVER(L)	1
30	341-1783-00	SPACER(SCREW)	2	55	331-3480-00	SUPPORT-PLATE	2
31	341-1784-00	SPACER	2	56	347-6767-00	FILM	2
32	634-0023-00	MOTOR-ASSY	1	57	716-1872-01	SCREW(M2)	2
33	854-4380-01	EXTENSION LEAD	1	58	750-6727-00	SPRING(INNER)L	1
34	750-3432-00	SPRING(MOTO)	1	59	382-6506-01	BUTTON(EJECT)	1
35	613-0720-00	HUS-GEAR	1	60	716-3475-00	SCREW(M2X6)	2
36	746-0766-20	WASHER(φ 4.3-1.6/10.5)	6	61	347-6768-00	SHADE(DISP-H)	2
37	613-0717-00	INPUT GEAR	1	62	750-6732-01	SPRING	1
38	947-0513-02	T-LIM-GEAR-ASSY	1	63	347-6215-00	SPACER-FILM	1
39	341-1791-00	SPACER(GEAR)	1	64	347-6832-00	SPACER(MOTOR)	1
40	345-8729-00	CUSHION(IN-ES)	2	65	347-6536-00	PROTECT SHEET	1
41	331-3400-01	LINK-HOLDER(R)	1	66	347-6762-01	PROTECTOR SHEET	1
42	331-3401-01	LINK-HOLDER(L)	1	67	347-6835-00	SPACER	1
43	716-1468-20	SCREW(M2X2.5)	9				

Main section

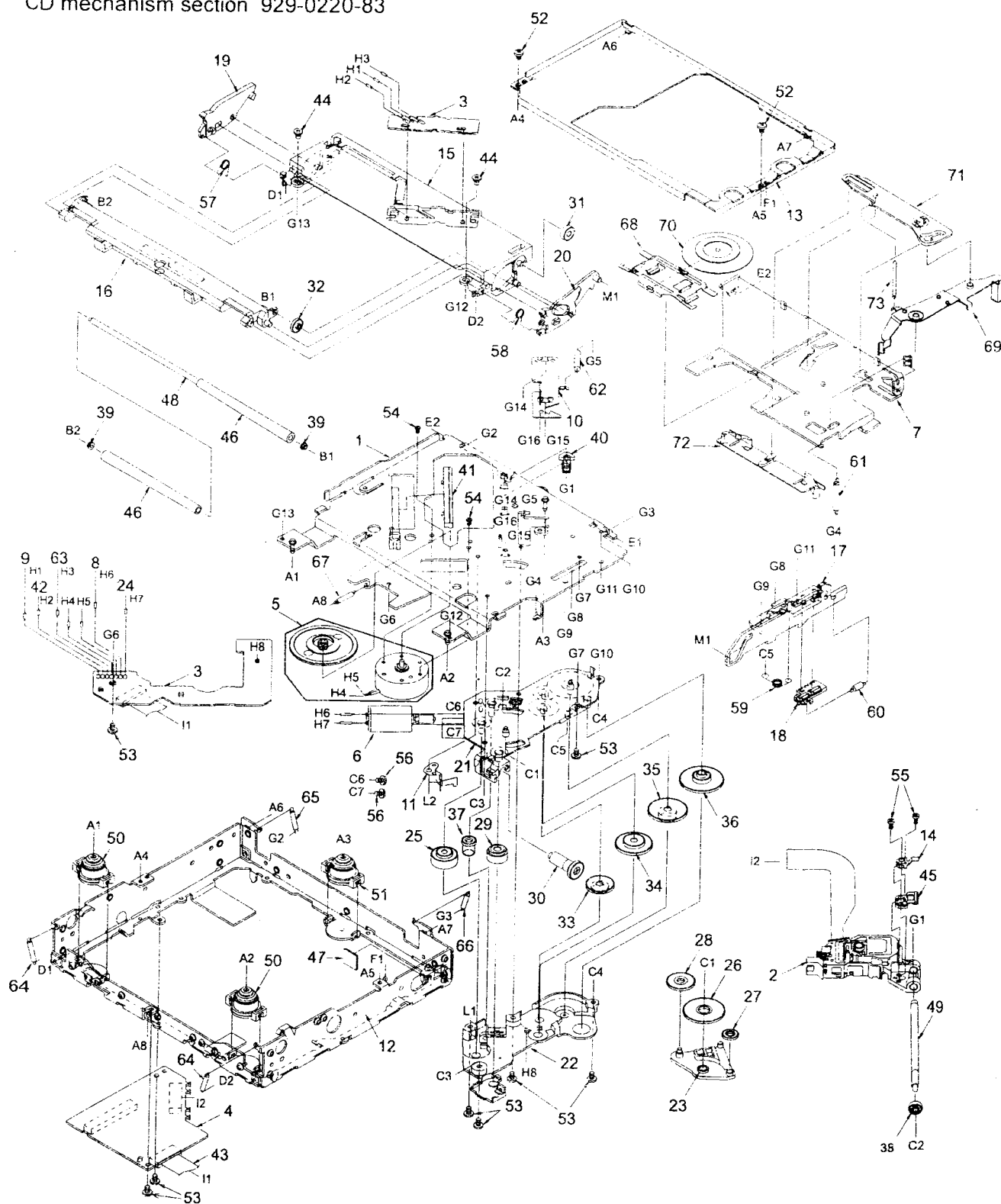
Exploded view on next page.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	DCY-393-700	DCP ASSY	1	23	074-1138-76	OUTLET SOCKET(26P)	1
2	-----	REAR-ES-ASSY	1	24	074-1198-68	OUTLET SOCKET(18P)	1
3	-----	INNER-ES-ASSY	1	25	074-1199-80	OUTLET SOCKET(30P)	1
4	305-0274-31	SIDE CVR(L)	1	26	076-0312-02	PLUG(2P)	1
5	305-0275-30	SIDE CVR(R)	1	27	013-7106-00	DETECTOR SWITCH	1
6	307-0616-03	REAR-CVR	1	28	013-7206-50	DETECTOR SWITCH	1
7	313-1844-00	HEAT SINK	1	29	101-0941-00	TRANSISTOR	1
8	313-1845-00	HEAT SINK	1	30	103-2012-00	TRANSISTOR	2
9	313-1651-21	HEAT SINK	1	31	103-2353-00	TRANSISTOR	1
10	313-1853-00	HEAT SINK	1	32	092-4000-51	ANT-RECEPT	1
11	331-2255-20	IC-HOLDER	1	33	855-5424-50	RCA PIN CORD(6CH)	1
12	331-2869-00	SHIELD CASE	1	34	855-5458-50	RCA PIN CORD(2CH)	1
13	331-2945-00	SHIELD CVR(F)	1	35	335-0833-01	LEAD HOLDER	1
14	331-2946-01	SHIELD CVR(R)	1	36	347-6285-00	INSULATOR	1
15	331-3378-00	SW-HOLDER	1	37	076-0659-12	PLUG(12P)	2
16	039-2096-01	PWB(MAIN) (WITHOUT COMPONENT)	1	38	039-2102-00	PWB(SUB) (WITHOUT COMPONENT)	1
17	880-2089C	AM/FM TUNER	1	39	347-6215-00	SPACER FILM	1
18	001-7011-96	DIODE(RED)	1	40	331-1709-00	EARTH PLATE	1
19	051-2038-10	IC(LA47501)	1	41	331-2744-00	STOPPER	1
20	074-1106-12	OUTLET SOCKET(12P)	2	42	331-2929-00	SHIELD CVR(V)	1
21	074-1194-00	OUTLET SOCKET(Ce-NET)	1	43	331-2930-00	SHEILD CVR(L)	1
22	074-1214-00	OUTLET SOCKET(16P)	1	44	345-8513-00	SPACER	1

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
45	929-0220-83	CD-MECHAISM	1	56	714-2603-81	MACHINE SCREW	8
46	331-3324-00	CD-SUB-BRKT(R)	1	57	716-0872-02	PAD SCREW(M2.6×3)	2
47	331-3417-00	CD-SUB-BRKT(F)	1	58	714-3006-81	MACHINE SCREW(M1.7×5)	4
48	347-6821-00	SPACER FILM	2	59	731-3006-40	TAPTIGHT(M3×6)	1
49	347-6705-00	INSULATOR	1	60	731-3006-80	TAPTIGHT(M3×6)	8
50	347-6729-00	INSULATOR	1	61	731-3008-87	TAPTIGHT(M3×8)	2
51	816-2569-50	FLAT WIRE	1	62	347-6536-00	PROTECT SHEET	1
52	347-6245-00	FILM	1	63	345-3799-20	RUBBER PART	8
53	039-1164-00	FPC(WITHOUT COMPONENT)	1	64	347-6681-00	INSULATOR	1
54	303-0472-00	UPPER-CVR	1	65	345-5192-00	CUSHION(FPC)	1
55	304-0460-01	LOWER-CVR	1	66	286-9921-01	SETPLATE	1



CD mechanism section 929-0220-83



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	966-0595-25	DRIVE PLATE ASSY	1	10	620-1025-22	ID-LOCK PLATE	1
2	969-0060-30	PICK UP UNIT	1	11	620-1026-21	SPRING PLATE	1
3	039-1944-21	LED PWB (WITHOUT COMPONENT)	1	12	620-1027-25	LOWER CHASSIS	1
4	039-1945-20	CD PWB (WITHOUT COMPONENT)	1	13	620-1028-22	UPPER CHASSIS	1
5	SMA-182-100	MOTOR ASSY(SPINDLE)	1	14	966-0638-20	SH-RACK ASSY	1
6	SMA-183-100	MOTOR ASSY(SLED)	1	15	621-0598-26	UPPER GUIDE	1
7	620-1022-24	CLAMPER LINK	1	16	621-0599-25	ROLLER GUIDE	1
8	803-4906-60	VINYL COAT WIRE(ORG)	1	17	621-0600-25	SHIFT LEVER	1
9	816-2591-00	LEAD WIRE(YEL)	1	18	621-0601-21	RACK	1
				19	621-0602-22	LOCK ARM L	1

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
20	621-0603-25	LOCK ARM R	1	47	345-8704-20	CUSHION RUBBER	1
21	621-0604-22	GEAR BASE	1	48	622-1571-21	ROLLER SHAFT	1
22	621-0605-22	GEAR COVER	1	49	624-0018-01	LEAD SCREW	1
23	621-0606-21	IDLE CASE	1	50	629-0081-20	DAMPER F	2
24	816-2590-00	VINYL COAT WIRE(GRN)	1	51	629-0082-20	DAMPER R	1
25	621-0608-21	SECOND GEAR	1	52	714-2003-81	MACHINE SCREW	2
26	621-0609-20	BASE GEAR	1	53	716-1507-00	SCREW	9
27	621-0610-20	IDLE GEAR A	1	54	716-1733-00	SCREW	2
28	621-0611-20	IDLE GEAR B	1	55	716-3469-00	SPECIAL SCREW	2
29	621-0612-21	ROLLER GEAR A	1	56	716-3446-00	SCREW	2
30	621-0613-20	ROLLER GEAR B	1	57	750-3465-21	ROLLER SPRING L	1
31	621-0614-20	ROLLER GEAR C	1	58	750-3466-20	ROLLER SPRING R	1
32	621-0615-21	ROLLER GEAR D	1	59	750-3467-21	SHIFT SPRING	1
33	621-0616-20	POWER GEAR A	1	60	750-3468-20	RACK SPRING	1
34	621-0617-20	POWER GEAR B	1	61	750-3469-20	CLAMPER SPRING	1
35	621-0618-20	POWER GEAR C	1	62	750-3470-20	ID-LOCK SPRING	1
36	621-0619-20	POWER GEAR D	1	63	816-2592-00	LEAD WIRE(BLU)	1
37	621-0620-20	THREAD GEAR A	1	64	750-3472-21	DR-SPRING F	2
38	621-0621-20	THREAD GEAR B	1	65	750-3473-20	DR-SPRING RA	1
39	621-0622-21	ROLLER SLEEVE	2	66	750-3474-20	DR-SPRING RB	1
40	621-0623-21	LS-HOLDER	1	67	750-3475-21	DR-SPRING C	1
41	621-0624-22	GUIDE RAIL	1	68	620-1023-23	CLAMPER PLATE	1
42	816-2593-00	LEAD WIRE(PUR)	1	69	620-1024-23	SENSOR ARM	1
43	816-2542-01	FLAT WIRE(10P)	1	70	621-0708-20	CLAMPER RING	1
44	716-3473-00	SCREW	2	71	621-0626-20	STOPPER LINK	1
45	621-0709-20	SH-BASE	1	72	621-0627-21	DISC STOPPER	1
46	621-0629-20	LOADING ROLLER	2	73	750-3471-20	SENSOR SPRING	1

■ ELECTRICAL PARTS LIST

Main PWB(B1) section

Note) Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT1	092-4000-51	ANT-RECEPT	C66	166-2201-50	22pF CH	C216	042-0563-71	16V100 μ F
BL1	80-2089C	MW/LW/FM TUNER	C67	168-1032-55	0.01 μ F	C217	182-1073-35	16V100 μ F
C1	168-2232-55	0.022 μ F	C68	168-1022-55	1000pF	C220	042-0631-50	10V100 μ F
C2	163-4753-55	35V4.7 μ F	C102	178-4742-78	0.47 μ F	C221	163-1063-35	16V10 μ F
C4	163-1053-65	50V1 μ F	C103	178-4742-78	0.47 μ F	C222	184-4763-41	25V47 μ F
C5	168-2232-55	0.022 μ F	C104	178-4742-78	0.47 μ F	C223	168-2232-55	0.022 μ F
C6	168-2232-55	0.022 μ F	C105	178-4742-78	0.47 μ F	C224	172-4731-15	0.047 μ F
C7	183-4763-37	16V47 μ F	C106	163-4763-35	16V47 μ F	C230	042-0631-50	10V100 μ F
C8	168-2232-55	0.022 μ F	C107	163-2263-35	16V22 μ F	C241	163-1063-35	16V10 μ F
C9	168-2232-55	0.022 μ F	C108	172-2231-15	0.022 μ F	C242	168-1032-55	0.01 μ F
C10	168-6822-55	6800pF	C109	163-3353-65	50V3.3 μ F	C243	183-1073-27	10V100 μ F
C11	042-0631-50	10V100 μ F	C110	172-3331-15	0.033 μ F	C244	183-1073-17	6.3V100 μ F
C12	042-0631-50	10V100 μ F	C111	172-3331-15	0.033 μ F	C245	168-1042-78	16V 0.1 μ F
C14	166-1011-50	100pF CH	C112	172-3331-15	0.033 μ F	C250	042-0505-81	10V22 μ F
C16	168-1042-78	16V 0.1 μ F	C113	172-3331-15	0.033 μ F	C251	168-1042-78	16V 0.1 μ F
C17	168-1222-55	1200pF	C114	163-1053-65	50V1 μ F	C252	042-0452-81	10V220 μ F
C18	163-1053-65	50V1 μ F	C115	163-1053-65	50V1 μ F	C253	166-2211-50	220pF CH
C19	168-8222-55	8200pF	C116	168-4722-55	4700pF	C254	168-1042-78	16V 0.1 μ F
C20	163-4763-15	6.3V47 μ F	C120	166-1011-50	100pF CH	C256	042-0505-81	10V22 μ F
C21	168-2232-55	0.022 μ F	C121	166-1011-50	100pF CH	C257	168-2232-55	0.022 μ F
C22	166-1011-50	100pF CH	C122	166-1011-50	100pF CH	C258	042-0416-52	10V10 μ F TAN
C23	166-1011-50	100pF CH	C123	166-1011-50	100pF CH	C259	042-0505-80	25V1 μ F
C24	166-3311-50	330pF CH	C124	166-1011-50	100pF CH	C301	163-1053-65	50V1 μ F
C25	166-1501-50	15pF CH	C125	166-1011-50	100pF CH	C302	163-1053-65	50V1 μ F
C26	166-1801-50	18pF CH	C210	042-0423-92	6.3V4.7 μ F	C303	166-1201-50	12pF CH
C28	168-2232-55	0.022 μ F	C211	163-2263-35	16V22 μ F	C304	166-1201-50	12pF CH
C29	168-2232-55	0.022 μ F	C212	168-4732-78	0.047 μ F	C305	166-1201-50	12pF CH
C30	166-1011-50	100pF CH	C213	163-2263-35	16V22 μ F	C306	166-1201-50	12pF CH
C55	166-2201-50	22pF CH	C214	042-0545-00	16V2200 μ F	C307	163-1063-35	16V10 μ F

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C308	163-2263-35	16V22 μ F	C467	166-2201-50	22pF CH	D241	001-0504-45	HZS9B1L
C309	163-1063-35	16V10 μ F	C468	163-1063-35	16V10 μ F	D501	001-0516-90	MA111
C311	043-0264-63	0.01 μ F	C469	163-1063-35	16V10 μ F	D502	001-0516-90	MA111
C312	043-0264-63	0.01 μ F	C516	163-1063-35	16V10 μ F	D503	001-0529-20	MA8039-L
C313	166-1201-50	12pF CH	C517	163-1063-35	16V10 μ F	D603	001-0516-90	MA111
C314	166-1201-50	12pF CH	C526	163-1063-35	16V10 μ F	D606	001-0516-90	MA111
C315	163-1063-35	16V10 μ F	C527	163-1063-35	16V10 μ F	D610	001-0516-90	MA111
C316	163-1063-35	16V10 μ F	C528	163-1063-35	16V10 μ F	D651	001-7011-96	CL-150SR-CD
C317	163-1063-35	16V10 μ F	C529	163-1063-35	16V10 μ F	D801	001-0516-90	MA111
C318	163-1063-35	16V10 μ F	C530	163-1063-35	16V10 μ F	D802	001-0516-90	MA111
C319	163-1063-35	16V10 μ F	C532	163-1063-35	16V10 μ F	D901	001-0516-90	MA111
C320	163-1063-35	16V10 μ F	C533	163-1063-35	16V10 μ F	D902	001-0516-90	MA111
C321	168-4732-78	0.047 μ F	C545	163-1063-35	16V10 μ F	D903	001-0516-90	MA111
C326	163-1063-35	16V10 μ F	C546	163-1063-35	16V10 μ F	FIL401	060-3110-90	NFM4516P13C204
C327	163-1063-35	16V10 μ F	C547	163-4763-15	6.3V47 μ F	FIL404	060-3110-90	NFM4516P13C204
C328	163-1063-35	16V10 μ F	C606	168-4732-78	0.047 μ F	IC1	051-6201-90	LC72146M
C329	163-1063-35	16V10 μ F	C612	168-1032-55	0.01 μ F	IC101	051-2038-10	LA47501
C330	163-1063-35	16V10 μ F	C613	042-0576-00	5.5V0.1F	IC201	051-3605-90	NJM2360AM
C331	163-1063-35	16V10 μ F	C614	168-1032-55	0.01 μ F	IC220	051-3201-90	AN77L06
C332	163-1063-35	16V10 μ F	C615	042-0577-00	6.3V100 μ F	IC230	051-1014-08	TA7291F
C333	163-1063-35	16V10 μ F	C616	163-1063-35	16V10 μ F	IC301	051-0410-38	MC14052BF
C334	163-1063-35	16V10 μ F	C617	168-1022-55	1000pF	IC302	051-1811-90	BA3129F
C335	163-1063-35	16V10 μ F	C618	168-1032-55	0.01 μ F	IC303	051-3034-90	NJM4558V
C401	166-1021-50	1000pF CH	C619	168-4732-78	0.047 μ F	IC304	051-0556-93	NJM2058M
C402	166-1021-50	1000pF CH	C620	178-2242-78	0.22 μ F	IC305	051-7232-08	74VHC4066M
C403	042-0416-52	10V10 μ F TAN	C622	166-1011-50	100pF CH	IC401	051-6350-00	AK7716VT
C404	168-1042-78	16V 0.1 μ F	C623	166-1011-50	100pF CH	IC402	051-9109-50	T15M256A-70P
C405	042-0416-52	10V10 μ F TAN	C624	168-2232-55	0.022 μ F	IC405	051-6379-08	AK4351VT
C406	042-0416-52	10V10 μ F TAN	C627	168-1042-78	16V 0.1 μ F	IC406	051-6620-08	TC9246F
C407	042-0416-52	10V10 μ F TAN	C628	166-1011-50	100pF CH	IC450	051-3026-90	NJM4580V
C408	168-1042-78	16V 0.1 μ F	C801	168-2232-55	0.022 μ F	IC451	051-3026-90	NJM4580V
C409	168-1042-78	16V 0.1 μ F	C802	168-8212-55	820pF	IC452	051-3026-90	NJM4580V
C410	042-0416-52	10V10 μ F TAN	C803	168-6812-55	680pF	IC453	051-3026-90	NJM4580V
C411	168-1042-78	16V 0.1 μ F	C804	168-1032-55	0.01 μ F	IC501	051-7100-08	TC4W66F-TE12L
C412	042-0416-52	10V10 μ F TAN	C805	168-2232-55	0.022 μ F	IC502	051-6600-38	CA0008AM
C413	042-0416-52	10V10 μ F TAN	C807	163-2253-65	50V2.2 μ F	IC503	051-0350-93	NJM4558M
C416	168-1042-78	16V 0.1 μ F	C808	166-3311-50	330pF CH	IC504	052-3376-00	M30624MGA-E36GP
C417	042-0416-52	10V10 μ F TAN	C809	166-5611-50	560pF CH	IC505	051-5437-08	S-80821ANMP-EDJ
C418	168-1042-78	16V 0.1 μ F	C810	166-4701-50	47pF CH	IC506	051-0869-58	NJM2103M
C419	168-1042-78	16V 0.1 μ F	C811	166-5601-50	56pF CH	IC509	051-5017-00	TC9482F
C420	042-0416-52	10V10 μ F TAN	C812	163-4763-15	6.3V47 μ F	IC801	051-3034-90	NJM4558V
C423	168-1042-78	16V 0.1 μ F	C813	168-1042-78	16V 0.1 μ F	IC802	051-4607-90	SA46581T
C424	168-1042-78	16V 0.1 μ F	C902	168-4722-55	4700pF	IC901	051-1215-08	TC74HC132AF
C427	168-1042-78	16V 0.1 μ F	C905	168-1042-78	16V 0.1 μ F	J501	074-1106-12	12P
C428	168-1042-78	16V 0.1 μ F	CCT401	010-3042-54	BLA3216A601SG4	J502	074-1106-12	12P
C429	042-0416-52	10V10 μ F TAN	CCT402	010-3042-54	BLA3216A601SG4	J601	074-1194-00	13P CE-NET
C431	042-0416-52	10V10 μ F TAN	CCT403	010-3042-54	BLA3216A601SG4	J602	074-1138-76	26P
C433	168-1042-78	16V 0.1 μ F	CCT404	010-3042-54	BLA3216A601SG4	J603	074-1198-68	18P
C434	168-1042-78	16V 0.1 μ F	CCT405	010-3042-54	BLA3216A601SG4	J604	074-1199-80	30P
C435	168-1042-78	16V 0.1 μ F	CCT406	010-3042-54	BLA3216A601SG4	J605	076-0312-02	2P
C436	042-0416-52	10V10 μ F TAN	D102	001-2403-90	M1F60	J903	074-1214-00	16P
C437	166-1011-50	100pF CH	D103	001-2403-90	M1F60	L1	010-2275-53	220 μ H
C438	168-1032-55	0.01 μ F	D104	001-2403-90	M1F60	L2	010-2199-71	5.6 μ H J
C439	178-4742-78	0.47 μ F	D105	001-2403-90	M1F60	L3	010-2285-58	BLM21A102FPB
C440	168-1022-55	1000pF	D106	001-2403-90	M1F60	L4	010-2285-58	BLM21A102FPB
C441	168-1042-78	16V 0.1 μ F	D107	001-2403-90	M1F60	L52	010-4046-00	30 μ H
C442	042-0416-52	10V10 μ F TAN	D108	001-2403-90	M1F60	L101	010-8024-00	CHOKE
C450	163-1063-35	16V10 μ F	D109	001-2403-90	M1F60	L210	010-6003-03	270 μ H
C451	163-1063-35	16V10 μ F	D110	001-0529-44	MA8082-M	L211	010-2323-53	NL252018T-2R2J
C452	163-1063-35	16V10 μ F	D200	001-2606-90	M1FS4	L213	010-2323-82	NL252018T-220J
C453	163-1063-35	16V10 μ F	D202	001-0504-46	HZS9B2L	L214	010-2230-76	22 μ H
C454	163-1063-35	16V10 μ F	D203	001-0592-00	RM4Z	L215	010-2285-56	BLM21B222S
C455	163-1063-35	16V10 μ F	D210	001-0516-90	MA111	L401	010-2285-56	BLM21B222S
C456	163-2263-15	6.3V22 μ F	D211	001-0516-90	MA111	L403	010-2285-56	BLM21B222S
C457	163-2263-15	6.3V22 μ F	D219	001-0347-11	MA4030M	L406	010-2285-58	BLM21A102FPB
C458	163-2263-15	6.3V22 μ F	D220	001-0504-33	HZS6B2L	L408	010-2285-58	BLM21A102FPB
C459	163-2263-15	6.3V22 μ F	D221	001-0466-90	S5688B	L409	010-2285-58	BLM21A102FPB
C460	163-2263-15	6.3V22 μ F	D222	001-0466-90	S5688B	L411	010-2285-58	BLM21A102FPB
C461	163-2263-15	6.3V22 μ F	D223	001-0516-90	MA111	L412	010-2285-58	BLM21A102FPB
C462	166-2201-50	22pF CH	D225	001-0466-91	S5688G	L413	010-2285-58	BLM21A102FPB
C463	166-2201-50	22pF CH	D226	001-0529-35	MA8062-M	L414	010-2285-58	BLM21A102FPB
C464	166-2201-50	22pF CH	D228	001-0347-11	MA4030M	L415	010-2285-56	BLM21B222S
C465	166-2201-50	22pF CH	D230	001-0504-42	HZS7C3L	L416	010-2285-56	BLM21B222S
C466	166-2201-50	22pF CH	D231	001-0504-35	HZS6C2L	L417	010-2285-56	BLM21B222S

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
L418	010-2285-56	BLM21B222S	Q252	125-2004-96	RN1406	R223	119-1031-15	1/16W 10kΩ
L419	010-2285-56	BLM21B222S	Q253	125-0002-96	RN2406	R224	116-1591-15	1/8W 1.5Ω
L421	010-2285-58	BLM21A102FPB	Q260	125-2004-93	RN1403	R225	116-1591-15	1/8W 1.5Ω
L422	010-2285-58	BLM21A102FPB	Q261	125-2017-97	RN1427	R226	119-4731-15	1/16W 47kΩ
L423	010-2285-58	BLM21A102FPB	Q262	125-2017-97	RN1427	R227	119-3321-15	1/16W 3.3kΩ
L424	010-2285-58	BLM21A102FPB	Q301	193-1306-00	2SD1306	R228	119-3321-15	1/16W 3.3kΩ
L425	010-2285-58	BLM21A102FPB	Q302	193-1306-00	2SD1306	R229	116-1591-15	1/8W 1.5Ω
L426	010-2285-58	BLM21A102FPB	Q303	193-1306-00	2SD1306	R234	119-1021-15	1/16W 1kΩ
L427	010-2285-58	BLM21A102FPB	Q304	193-1306-00	2SD1306	R235	116-1221-15	1/8W 1.2kΩ
L428	010-2285-56	BLM21B222S	Q305	125-2004-96	RN1406	R236	119-1031-15	1/16W 10kΩ
L429	010-2285-56	BLM21B222S	Q306	125-0002-96	RN2406	R237	119-1031-15	1/16W 10kΩ
L430	010-2285-56	BLM21B222S	Q308	125-2004-93	RN1403	R238	119-3321-15	1/16W 3.3kΩ
L431	010-2285-56	BLM21B222S	Q400	192-2712-00	2SC2712	R239	119-1221-15	1/16W 1.2kΩ
L432	010-2285-56	BLM21B222S	Q450	193-1306-00	2SD1306	R240	116-4711-15	1/8W 470Ω
L433	010-2285-56	BLM21B222S	Q451	193-1306-00	2SD1306	R242	116-4711-15	1/8W 470Ω
L434	010-2285-56	BLM21B222S	Q452	193-1306-00	2SD1306	R243	119-1031-15	1/16W 10kΩ
L435	010-2285-56	BLM21B222S	Q453	193-1306-00	2SD1306	R244	111-4700-98	1/4W 47Ω
L436	010-2285-56	BLM21B222S	Q454	193-1306-00	2SD1306	R245	119-1031-15	1/16W 10kΩ
L437	010-2285-56	BLM21B222S	Q455	193-1306-00	2SD1306	R246	116-1591-15	1/8W 1.5Ω
L441	010-2285-56	BLM21B222S	Q500	125-2004-92	RN1402	R247	119-2231-15	1/16W 22kΩ
L442	010-2285-56	BLM21B222S	Q501	125-2004-96	RN1406	R248	119-1031-15	1/16W 10kΩ
L450	010-2285-56	BLM21B222S	Q502	125-0002-96	RN2406	R249	116-1221-15	1/8W 1.2kΩ
L451	010-2285-56	BLM21B222S	Q503	192-2712-00	2SC2712	R252	116-1521-15	1/8W 1.5kΩ
L452	010-2285-56	BLM21B222S	Q601	125-2004-92	RN1402	R253	119-4711-15	1/16W 470Ω
L453	010-2285-56	BLM21B222S	Q602	125-2004-93	RN1403	R255	111-4700-98	1/4W 47Ω
L602	010-2323-53	NL252018T-2R2J	Q603	190-1162-00	2SA1162	R256	116-1221-15	1/8W 1.2kΩ
L605	010-2198-56	2.2μH	Q604	125-2004-92	RN1402	R257	116-1221-15	1/8W 1.2kΩ
L606	010-2198-56	2.2μH	Q605	125-2004-92	RN1402	R260	116-3911-15	1/8W 390Ω
L607	010-2198-56	2.2μH	Q606	125-2004-92	RN1402	R261	119-2291-15	1/16W 2.2Ω
L801	010-2275-53	220μH	Q617	125-2004-93	RN1403	R262	119-2291-15	1/16W 2.2Ω
L901	010-2285-51	BLM21A05PT	Q801	125-2004-92	RN1402	R263	119-1531-15	1/16W 15kΩ
L902	010-2285-51	BLM21A05PT	R1	119-1021-15	1/16W 1kΩ	R264	119-2721-15	1/16W 2.7kΩ
P450	855-5424-50	RCA PIN CORD (6CH)	R3	119-3311-15	1/16W 330Ω	R265	116-4711-15	1/8W 470Ω
P451	855-5458-50	RCA PIN CORD (2CH AUX)	R4	119-0000-05	1/16W 0Ω JW	R266	116-4711-15	1/8W 470Ω
Q3	193-1306-00	2SD1306	R5	119-4721-15	1/16W 4.7kΩ	R267	119-4731-15	1/16W 47kΩ
Q4	125-0002-93	RN2403	R6	119-1021-15	1/16W 1kΩ	R301	119-1231-15	1/16W 12kΩ
Q6	190-1162-00	2SA1162	R7	119-5621-15	1/16W 5.6kΩ	R302	119-1231-15	1/16W 12kΩ
Q7	190-1162-00	2SA1162	R8	119-1031-15	1/16W 10kΩ	R303	119-3031-15	1/16W 30kΩ
Q8	125-2004-93	RN1403	R10	119-2221-15	1/16W 2.2kΩ	R304	119-3031-15	1/16W 30kΩ
Q9	198-0669-00	2SK669	R12	116-3311-15	1/8W 330Ω	R305	032-0140-51	1/16W 15kΩ 1%
Q201	198-0241-50	2SK241Y.GR	R14	119-5631-15	1/16W 56kΩ	R306	032-0140-51	1/16W 15kΩ 1%
Q202	103-2353-00	2SD2353	R16	119-2221-15	1/16W 2.2kΩ	R307	119-4731-15	1/16W 47kΩ
Q210	190-1298-00	2SA1298	R17	119-5631-15	1/16W 56kΩ	R308	032-0140-51	1/16W 15kΩ 1%
Q211	125-2004-96	RN1406	R18	119-1031-15	1/16W 10kΩ	R309	032-0140-51	1/16W 15kΩ 1%
Q212	190-1162-00	2SA1162	R19	119-1031-15	1/16W 10kΩ	R310	032-0140-89	1/4W 47kΩ 1%
Q213	192-2712-00	2SC2712	R20	119-1231-15	1/16W 12kΩ	R311	032-0140-89	1/4W 47kΩ 1%
Q220	103-2012-00	2SD2012	R21	119-1021-15	1/16W 1kΩ	R312	032-0140-89	1/4W 47kΩ 1%
Q221	198-0241-50	2SK241Y.GR	R23	119-2711-15	1/16W 270Ω	R313	032-0140-89	1/4W 47kΩ 1%
Q222	190-1298-00	2SA1298	R24	119-1521-15	1/16W 1.5kΩ	R314	119-4731-15	1/16W 47kΩ
Q223	125-2004-93	RN1403	R25	119-1521-15	1/16W 1.5kΩ	R315	119-1041-15	1/16W 100kΩ
Q224	101-0941-00	2SB941	R26	119-1031-15	1/16W 10kΩ	R316	119-3311-15	1/16W 330Ω
Q225	190-1162-00	2SA1162	R27	119-1021-15	1/16W 1kΩ	R317	119-1041-15	1/16W 100kΩ
Q226	192-2712-00	2SC2712	R28	119-1021-15	1/16W 1kΩ	R318	119-1021-15	1/16W 1kΩ
Q227	190-1416-00	2SA1416	R29	119-8211-15	1/16W 820Ω	R319	119-3311-15	1/16W 330Ω
Q228	125-2004-93	RN1403	R30	119-1041-15	1/16W 100kΩ	R320	119-2221-15	1/16W 2.2kΩ
Q230	191-1237-50	2SB1237QR	R31	119-1031-15	1/16W 10kΩ	R321	119-1021-15	1/16W 1kΩ
Q232	191-1237-50	2SB1237QR	R101	119-1231-15	1/16W 12kΩ	R322	119-2231-15	1/16W 22kΩ
Q235	193-1802-60	2SD1802FA-R.S.T	R102	119-1031-15	1/16W 10kΩ	R323	119-2231-15	1/16W 22kΩ
Q236	125-0002-93	RN2403	R105	119-1021-15	1/16W 1kΩ	R324	119-3311-15	1/16W 330Ω
Q237	125-2004-94	RN1404	R107	119-0000-05	1/16W 0Ω JW	R325	119-1021-15	1/16W 1kΩ
Q238	190-1298-00	2SA1298	R200	117-0000-05	1/10W 0Ω JW	R326	119-3311-15	1/16W 330Ω
Q239	125-2004-93	RN1403	R207	119-1011-15	1/15W 100Ω	R328	119-4731-15	1/16W 47kΩ
Q240	125-2004-96	RN1406	R210	119-1031-15	1/16W 10kΩ	R329	119-4731-15	1/16W 47kΩ
Q241	103-2012-00	2SD2012	R211	119-4731-15	1/16W 47kΩ	R330	032-0140-52	1/16W 33kΩ 1%
Q242	190-1298-00	2SA1298	R212	119-1531-15	1/16W 15kΩ	R331	032-0140-52	1/16W 33kΩ 1%
Q243	190-1298-00	2SA1298	R213	119-1031-15	1/16W 10kΩ	R332	032-0140-89	1/4W 47kΩ 1%
Q244	125-0002-92	RN2402	R214	119-4731-15	1/16W 47kΩ	R334	032-0140-89	1/4W 47kΩ 1%
Q245	125-2004-96	RN1406	R215	119-2221-15	1/16W 2.2kΩ	R335	032-0140-52	1/16W 33kΩ 1%
Q246	125-2004-96	RN1406	R216	119-2221-15	1/16W 2.2kΩ	R336	032-0140-52	1/16W 33kΩ 1%
Q247	125-2004-93	RN1403	R217	119-1031-15	1/16W 10kΩ	R337	032-0140-89	1/4W 47kΩ 1%
Q249	125-2004-93	RN1403	R218	119-1021-15	1/16W 1kΩ	R338	032-0140-89	1/4W 47kΩ 1%
Q251	125-2004-93	RN1403	R220	119-1031-15	1/16W 10kΩ	R339	119-1021-15	1/16W 1kΩ
			R221	119-3921-15	1/16W 3.9kΩ	R340	119-2731-15	1/16W 27kΩ
			R222	119-1801-15	1/16W 18Ω	R341	119-2731-15	1/16W 27kΩ

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R344	119-3331-15	1/16W 33k Ω	R456	119-1031-15	1/16W 10k Ω	R603	116-6801-15	1/8W 68 Ω
R346	119-3331-15	1/16W 33k Ω	R457	119-1031-15	1/16W 10k Ω	R604	119-3321-15	1/16W 3.3k Ω
R347	119-1031-15	1/16W 10k Ω	R458	119-1031-15	1/16W 10k Ω	R605	119-3321-15	1/16W 3.3k Ω
R348	119-1031-15	1/16W 10k Ω	R459	119-1031-15	1/16W 10k Ω	R607	119-2231-15	1/16W 22k Ω
R349	119-5631-15	1/16W 56k Ω	R460	119-1031-15	1/16W 10k Ω	R608	119-1031-15	1/16W 10k Ω
R350	119-1031-15	1/16W 10k Ω	R461	119-1031-15	1/16W 10k Ω	R609	119-4731-15	1/16W 47k Ω
R351	119-1031-15	1/16W 10k Ω	R462	119-6831-15	1/16W 68k Ω	R610	119-4721-15	1/16W 4.7k Ω
R352	119-5631-15	1/16W 56k Ω	R463	119-1231-15	1/16W 12k Ω	R619	119-3311-15	1/16W 330 Ω
R353	119-1041-15	1/16W 100k Ω	R464	119-1231-15	1/16W 12k Ω	R623	119-1521-15	1/16W 1.5k Ω
R354	119-1041-15	1/16W 100k Ω	R465	119-6831-15	1/16W 68k Ω	R625	119-1041-15	1/16W 100k Ω
R356	119-1041-15	1/16W 100k Ω	R466	119-1231-15	1/16W 12k Ω	R626	119-1041-15	1/16W 100k Ω
R357	119-1041-15	1/16W 100k Ω	R467	119-1231-15	1/16W 12k Ω	R627	119-4731-15	1/16W 47k Ω
R358	119-1041-15	1/16W 100k Ω	R468	119-2231-15	1/16W 22k Ω	R628	119-4731-15	1/16W 47k Ω
R359	119-1041-15	1/16W 100k Ω	R469	119-2231-15	1/16W 22k Ω	R630	119-0000-05	1/16W 0 Ω JW
R360	119-1041-15	1/16W 100k Ω	R470	119-2231-15	1/16W 22k Ω	R635	119-1041-15	1/16W 100k Ω
R361	119-1041-15	1/16W 100k Ω	R471	119-2231-15	1/16W 22k Ω	R636	119-2421-15	1/16W 2.4k Ω
R362	119-1011-15	1/16W 100 Ω	R472	119-2231-15	1/16W 22k Ω	R637	119-1241-15	1/16W 120k Ω
R363	119-1011-15	1/16W 100 Ω	R473	119-2231-15	1/16W 22k Ω	R638	119-4731-15	1/16W 47k Ω
R364	119-1011-15	1/16W 100 Ω	R474	119-3311-15	1/16W 330 Ω	R639	119-4721-15	1/16W 4.7k Ω
R365	119-1011-15	1/16W 100 Ω	R475	119-3311-15	1/16W 330 Ω	R640	119-4731-15	1/16W 47k Ω
R366	119-4731-15	1/16W 47k Ω	R476	119-3311-15	1/16W 330 Ω	R641	119-1831-15	1/16W 18k Ω
R367	119-1031-15	1/16W 10k Ω	R477	119-3311-15	1/16W 330 Ω	R642	119-1031-15	1/16W 10k Ω
R368	119-1031-15	1/16W 10k Ω	R478	119-3311-15	1/16W 330 Ω	R643	119-5621-15	1/16W 5.6k Ω
R380	119-1041-15	1/16W 100k Ω	R479	119-3311-15	1/16W 330 Ω	R644	119-1541-15	1/16W 150k Ω
R381	119-1041-15	1/16W 100k Ω	R480	119-1021-15	1/16W 1k Ω	R645	119-8221-15	1/16W 8.2k Ω
R400	119-0000-05	1/16W 0 Ω JW	R481	119-1021-15	1/16W 1k Ω	R646	119-4321-15	1/16W 4.3k Ω
R401	119-1041-15	1/16W 100k Ω	R482	119-1021-15	1/16W 1k Ω	R660	119-4731-15	1/16W 47k Ω
R402	119-3311-15	1/16W 330 Ω	R495	119-1041-15	1/16W 100k Ω	R661	119-4731-15	1/16W 47k Ω
R403	119-1041-15	1/16W 100k Ω	R496	119-1041-15	1/16W 100k Ω	R677	119-1031-15	1/16W 10k Ω
R404	119-3311-15	1/16W 330 Ω	R498	117-0000-05	1/10W 0 Ω JW	R679	119-1031-15	1/16W 10k Ω
R405	119-1221-15	1/16W 1.2k Ω	R499	117-0000-05	1/10W 0 Ω JW	R680	119-1021-15	1/16W 1k Ω
R406	119-1521-15	1/16W 1.5k Ω	R512	119-1031-15	1/16W 10k Ω	R686	166-1011-50	100pF CH
R410	117-0000-05	1/10W 0 Ω JW	R529	032-0140-89	1/4W 47k Ω 1%	R692	119-0000-05	1/16W 0 Ω JW
R415	119-1011-15	1/16W 100 Ω	R530	032-0140-89	1/4W 47k Ω 1%	R693	119-0000-05	1/16W 0 Ω JW
R416	119-2711-15	1/16W 270 Ω	R531	032-0140-89	1/4W 47k Ω 1%	R801	119-3331-15	1/16W 33k Ω
R417	119-2711-15	1/16W 270 Ω	R532	032-0140-89	1/4W 47k Ω 1%	R802	119-1031-15	1/16W 10k Ω
R418	119-2711-15	1/16W 270 Ω	R537	119-8221-15	1/16W 8.2k Ω	R803	119-1041-15	1/16W 100k Ω
R424	119-2711-15	1/16W 270 Ω	R538	119-1021-15	1/16W 1k Ω	R804	119-2211-15	1/16W 220 Ω
R428	119-0000-05	1/16W 0 Ω JW	R540	119-2231-15	1/16W 22k Ω	R805	119-1231-15	1/16W 12k Ω
R434	119-3311-15	1/16W 330 Ω	R546	119-1041-15	1/16W 100k Ω	R806	119-3321-15	1/16W 3.3k Ω
R435	119-3311-15	1/16W 330 Ω	R548	119-1041-15	1/16W 100k Ω	R807	119-0000-05	1/16W 0 Ω JW
R437	119-1011-15	1/16W 100 Ω	R549	119-1531-15	1/16W 15k Ω	R901	119-6801-15	1/16W 68 Ω
R438	119-1521-15	1/16W 1.5k Ω	R550	119-1531-15	1/16W 15k Ω	R902	119-6801-15	1/16W 68 Ω
R439	119-4711-15	1/16W 470 Ω	R551	119-2221-15	1/16W 2.2k Ω	R903	119-5611-15	1/16W 560 Ω
R440	119-1011-15	1/16W 100 Ω	R552	119-2221-15	1/16W 2.2k Ω	R904	119-3331-15	1/16W 33k Ω
R441	119-8211-15	1/16W 820 Ω	R553	119-2221-15	1/16W 2.2k Ω	R9001	117-0000-05	1/10W 0 Ω JW
R442	119-8211-15	1/16W 820 Ω	R554	119-1041-15	1/16W 100k Ω	S602	013-7106-00	TKR0012067OMM
R443	119-8211-15	1/16W 820 Ω	R555	119-1021-15	1/16W 1k Ω	S603	013-7206-50	SPPB530701
R444	119-8211-15	1/16W 820 Ω	R556	119-1021-15	1/16W 1k Ω	SUP51	060-0122-91	DSP-141N-S00B
R445	119-8211-15	1/16W 820 Ω	R557	119-1021-15	1/16W 1k Ω	VR101	012-4738-13	VARIABLE-R
R450	119-1041-15	1/16W 100k Ω	R558	119-1021-15	1/16W 1k Ω	X1	061-1066-00	7.2MHz
R451	119-1041-15	1/16W 100k Ω	R559	119-1021-15	1/16W 1k Ω	X601	060-1505-50	10MHz
R452	119-1041-15	1/16W 100k Ω	R560	119-1021-15	1/16W 1k Ω	X602	060-0100-01	CB13PA-215
R453	119-1041-15	1/16W 100k Ω	R574	119-4731-15	1/16W 47k Ω	X801	061-3013-00	4.33MHz
R454	119-1041-15	1/16W 100k Ω	R576	119-3311-15	1/16W 330 Ω			
R455	119-1041-15	1/16W 100k Ω	R602	116-1221-15	1/8W 1.2k Ω			

Sub PWB(B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C500	042-0416-52	10V10 μ F TAN	C514	166-2711-50	270pF	IC507	051-3026-90	NJM4580V
C501	042-0416-52	10V10 μ F TAN	C515	043-0264-63	0.01 μ F	IC508	051-3026-90	NJM4580V
C502	042-0416-52	10V10 μ F TAN	C518	166-2711-50	270pF	IC510	051-3026-90	NJM4580V
C503	042-0416-52	10V10 μ F TAN	C519	166-2711-50	270pF	P500	076-0659-12	12P
C504	042-0416-52	10V10 μ F TAN	C520	166-2711-50	270pF	P501	076-0659-12	12P
C505	042-0416-52	10V10 μ F TAN	C521	166-2711-50	270pF	R500	032-0140-56	1/16W 51k Ω 1%
C506	042-0416-52	10V10 μ F TAN	C522	043-0264-63	0.01 μ F	R501	032-0140-56	1/16W 51k Ω 1%
C507	042-0416-52	10V10 μ F TAN	C523	043-0264-63	0.01 μ F	R502	032-0140-80	1/16W 18k Ω 1%
C508	043-0264-63	0.01 μ F	C524	043-0264-63	0.01 μ F	R503	032-0140-80	1/16W 18k Ω 1%
C509	166-2711-50	270pF	C525	043-0264-63	0.01 μ F	R504	032-0140-56	1/16W 51k Ω 1%
C510	166-2711-50	270pF	C540	042-0416-52	10V10 μ F TAN	R505	032-0140-56	1/16W 51k Ω 1%
C511	043-0264-63	0.01 μ F	C541	042-0416-52	10V10 μ F TAN	R506	032-0140-56	1/16W 51k Ω 1%
C512	043-0264-63	0.01 μ F	C542	166-2201-50	22pF CH	R507	032-0140-56	1/16W 51k Ω 1%
C513	166-2711-50	270pF	C543	166-2201-50	22pF CH	R508	032-0140-80	1/16W 18k Ω 1%

REF No.	PART No.	DESCRIPTION
R509	032-0140-80	1/16W 18k Ω 1%
R510	032-0140-56	1/16W 51k Ω 1%
R511	032-0140-56	1/16W 51k Ω 1%
R513	032-0140-98	1/10W 330 Ω 1%
R514	032-0140-98	1/10W 330 Ω 1%
R515	032-0140-98	1/10W 330 Ω 1%
R516	032-0140-98	1/10W 330 Ω 1%

REF No.	PART No.	DESCRIPTION
R517	032-0140-98	1/10W 330 Ω 1%
R518	032-0140-98	1/10W 330 Ω 1%
R519	032-0140-80	1/16W 18k Ω 1%
R520	032-0140-98	1/10W 330 Ω 1%
R521	032-0140-80	1/16W 18k Ω 1%
R522	032-0140-98	1/10W 330 Ω 1%
R523	032-0140-80	1/16W 18k Ω 1%

REF No.	PART No.	DESCRIPTION
R524	032-0140-80	1/16W 18k Ω 1%
R565	119-1041-15	1/16W 100k Ω
R567	119-1041-15	1/16W 100k Ω
R568	119-1531-15	1/16W 15k Ω
R569	119-1531-15	1/16W 15k Ω
R570	119-2231-15	1/16W 22k Ω
R571	119-2231-15	1/16W 22k Ω

Switch PWB(B3) section

REF No.	PART No.	DESCRIPTION
C710	042-0416-52	10V10 μ F TAN
C711	168-1042-78	16V 0.1 μ F
D721	001-7064-90	CL-170SR-CD
D722	001-7043-90	CL-170FG-CD
D723	001-7064-90	CL-170SR-CD
D724	001-7043-90	CL-170FG-CD
D725	001-7064-90	CL-170SR-CD
D726	001-7043-90	CL-170FG-CD
D727	001-7064-90	CL-170SR-CD
D728	001-7043-90	CL-170FG-CD
D729	001-7064-90	CL-170SR-CD
D730	001-7043-90	CL-170FG-CD
D731	001-7064-90	CL-170SR-CD
D732	001-7043-90	CL-170FG-CD
D733	001-7064-90	CL-170SR-CD
D734	001-7043-90	CL-170FG-CD
D735	001-7064-90	CL-170SR-CD
D736	001-7043-90	CL-170FG-CD
D737	001-7043-90	CL-170FG-CD
D738	001-7043-90	CL-170FG-CD
D739	001-7040-90	NSCB100
D751	001-0516-90	MA111
D752	001-0516-90	MA111
D753	001-0516-90	MA111
D754	001-0516-90	MA111
D755	001-0516-90	MA111
IC703	051-6618-18	M6606FP-42A
IR701	060-4008-00	RS171
Q722	060-4011-80	CPT-182S-C
Q723	192-2712-00	2SC2712
R749	119-2221-15	1/16W 2.2k Ω
R750	119-2221-15	1/16W 2.2k Ω

REF No.	PART No.	DESCRIPTION
R751	119-1221-15	1/16W 1.2k Ω
R752	119-1221-15	1/16W 1.2k Ω
R753	119-1221-15	1/16W 1.2k Ω
R754	119-1221-15	1/16W 1.2k Ω
R755	119-1221-15	1/16W 1.2k Ω
R756	119-1221-15	1/16W 1.2k Ω
R757	119-1221-15	1/16W 1.2k Ω
R758	119-1221-15	1/16W 1.2k Ω
R759	119-1221-15	1/16W 1.2k Ω
R760	119-1221-15	1/16W 1.2k Ω
R761	119-1221-15	1/16W 1.2k Ω
R762	119-1221-15	1/16W 1.2k Ω
R763	119-1521-15	1/16W 1.5k Ω
R764	119-1521-15	1/16W 1.5k Ω
R765	119-1221-15	1/16W 1.2k Ω
R766	119-1221-15	1/16W 1.2k Ω
R769	119-1221-15	1/16W 1.2k Ω
R770	119-1221-15	1/16W 1.2k Ω
R771	119-1031-15	1/16W 10k Ω
R772	119-1031-15	1/16W 10k Ω
R773	119-1031-15	1/16W 10k Ω
R774	119-1031-15	1/16W 10k Ω
R775	119-1031-15	1/16W 10k Ω
R776	119-1041-15	1/16W 100k Ω
R777	119-1041-15	1/16W 100k Ω
R778	119-1041-15	1/16W 100k Ω
R779	119-1041-15	1/16W 100k Ω
R780	119-1041-15	1/16W 100k Ω
R782	119-1011-15	1/16W 100 Ω
R783	119-1041-15	1/16W 100k Ω
R784	119-2021-15	1/16W 2k Ω
R789	119-1521-15	1/16W 1.5k Ω

REF No.	PART No.	DESCRIPTION
R790	119-1521-15	1/16W 1.5k Ω
R798	119-0000-05	1/16W 0 Ω JW
R799	119-0000-05	1/16W 0 Ω JW
S702	013-8004-50	SRGP300/00
S703	013-6519-50	LS9J2M-2SR/FG
S704	013-6519-50	LS9J2M-2SR/FG
S705	013-6519-50	LS9J2M-2SR/FG
S706	013-6507-50	LS8J2M-T
S707	013-6519-50	LS9J2M-2SR/FG
S708	013-6519-50	LS9J2M-2SR/FG
S709	013-6519-50	LS9J2M-2SR/FG
S710	013-6519-50	LS9J2M-2SR/FG
S711	013-6507-50	LS8J2M-T
S712	013-6519-50	LS9J2M-2SR/FG
S713	013-6519-50	LS9J2M-2SR/FG
S714	013-6519-50	LS9J2M-2SR/FG
S715	013-6519-50	LS9J2M-2SR/FG
S716	013-6507-50	LS8J2M-T
S717	013-6519-50	LS9J2M-2SR/FG
S718	013-6519-50	LS9J2M-2SR/FG
S719	013-6519-50	LS9J2M-2SR/FG
S720	013-6519-50	LS9J2M-2SR/FG
S722	013-6519-50	LS9J2M-2SR/FG
S723	013-6519-50	LS9J2M-2SR/FG
S724	013-6507-50	LS8J2M-T
S725	013-6519-50	LS9J2M-2SR/FG

Switch Sub PWB(B4) section

REF No.	PART No.	DESCRIPTION
P701	076-0647-00	16P
P702	076-0658-08	8P
P703	076-0658-08	8P

LCD PWB(B5) section

REF No.	PART No.	DESCRIPTION
C701	168-1032-55	0.01 μ F
C702	042-0416-52	10V10 μ F TAN
C703	042-0416-50	16V4.7 μ F TAN
C704	042-0416-50	16V4.7 μ F TAN
C705	042-0416-52	10V10 μ F TAN
C706	168-1042-78	16V 0.1 μ F
C709	168-1042-78	16V 0.1 μ F
D701	001-7062-90	RBR111C
D702	001-7062-90	RBR111C
D703	001-7062-90	RBR111C
D704	001-7062-90	RBR111C
D705	001-7062-90	RBR111C
D706	001-7062-90	RBR111C
D707	001-7062-90	RBR111C
D708	001-7062-90	RBR111C
D709	001-7062-90	RBR111C
D710	001-7055-90	NSCWS405T
D711	001-7055-90	NSCWS405T
D712	001-7055-90	NSCWS405T
D713	001-7055-90	NSCWS405T
D714	001-7055-90	NSCWS405T
D715	001-7055-90	NSCWS405T
D716	001-7062-90	RBR111C
IC701	052-7061-00	M30624MGA-F26GP
IC702	051-6057-00	ML9090A-01GA
P701	074-1195-78	28P
Q701	125-2004-93	RN1403

REF No.	PART No.	DESCRIPTION
Q702	125-2004-93	RN1403
Q703	125-2004-93	RN1403
Q704	125-2004-93	RN1403
Q705	125-2004-93	RN1403
Q706	125-2004-93	RN1403
Q707	125-2004-93	RN1403
Q708	125-2004-93	RN1403
Q709	125-2004-93	RN1403
Q710	190-1162-00	2SA1162
Q711	192-2712-51	2SC2712G,L
Q712	125-2004-96	RN1406
R701	116-2711-15	1/8W 270 Ω
R702	116-2711-15	1/8W 270 Ω
R703	116-2711-15	1/8W 270 Ω
R704	116-2711-15	1/8W 270 Ω
R705	116-2711-15	1/8W 270 Ω
R706	116-2711-15	1/8W 270 Ω
R707	116-2711-15	1/8W 270 Ω
R708	116-2711-15	1/8W 270 Ω
R709	116-2711-15	1/8W 270 Ω
R717	032-0140-00	1/10W 56k Ω 1%
R718	032-0140-53	1/16W 2.2k Ω 1%
R719	032-0140-98	1/10W 330 Ω 1%
R720	032-0140-98	1/10W 330 Ω 1%
R721	032-0140-98	1/10W 330 Ω 1%
R722	032-0140-98	1/10W 330 Ω 1%
R723	032-0140-98	1/10W 330 Ω 1%

REF No.	PART No.	DESCRIPTION
R724	032-0140-98	1/10W 330 Ω 1%
R725	032-0140-98	1/10W 330 Ω 1%
R726	032-0140-98	1/10W 330 Ω 1%
R727	032-0140-98	1/10W 330 Ω 1%
R728	032-0140-98	1/10W 330 Ω 1%
R729	032-0140-98	1/10W 330 Ω 1%
R730	032-0140-98	1/10W 330 Ω 1%
R731	032-0140-98	1/10W 330 Ω 1%
R732	119-1811-15	1/16W 180 Ω
R733	119-1811-15	1/16W 180 Ω
R734	119-1811-15	1/16W 180 Ω
R735	119-1811-15	1/16W 180 Ω
R736	119-1521-15	1/16W 1.5k Ω
R740	119-1041-15	1/16W 100k Ω
R748	119-1031-15	1/16W 10k Ω
R749	119-4731-15	1/16W 47k Ω
R781	119-2231-15	1/16W 22k Ω
R786	119-4721-15	1/16W 4.7k Ω
R787	119-4721-15	1/16W 4.7k Ω
R799	116-2711-15	1/8W 270 Ω
R9002	119-0000-05	1/16W 0 Ω JW
R9003	119-0000-05	1/16W 0 Ω JW
S701	013-6507-50	LS8J2M-T
S726	013-7411-50	ESE2131BTXN
X701	060-1505-50	10MHz

CD PWB section(B6):CD mechanism

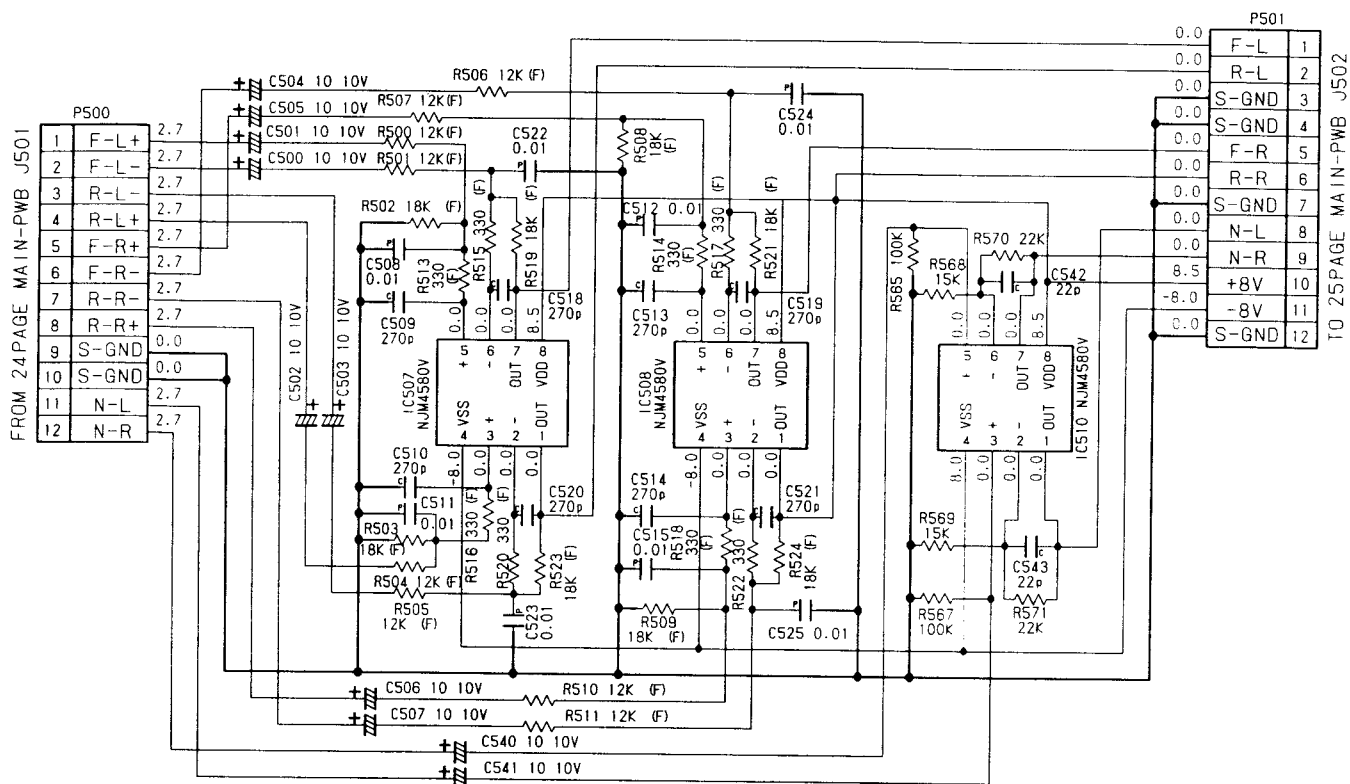
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C101	168-1042-78	0.1 μ F	C207	043-0533-50	0.047 μ F	R109	033-1031-15	1/16W 10k Ω
C102	045-4701-50	47pF	C208	046-6822-58	6800pF	R110	033-1051-15	1/16W 1M Ω
C103	046-4722-58	4700pF	C209	168-1042-78	0.1 μ F	R111	033-3321-15	1/16W 3.3k Ω
C104	168-1042-78	0.1 μ F	C210	043-0533-50	0.047 μ F	R114	033-2211-15	1/16W 220 Ω
C105	046-1532-78	0.015 μ F	C211	168-1042-78	0.1 μ F	R115	033-2211-15	1/16W 220 Ω
C106	046-1032-78	0.01 μ F	C212	168-1042-78	0.1 μ F	R116	033-1031-15	1/16W 10k Ω
C107	046-1032-78	0.01 μ F	C213	045-5096-50	5pF	R117	033-1021-15	1/16W 1k Ω
C108	046-4722-58	4700pF	C214	045-5601-50	56pF	R131	033-4711-15	1/16W 470 Ω
C109	046-1522-58	1500pF	C215	043-0533-50	0.047 μ F	R132	033-2211-15	1/16W 220 Ω
C110	046-3332-78	0.033 μ F	C216	178-1052-78	1 μ F	R201	117-2201-15	1/10W 22 Ω
C111	168-1042-78	0.1 μ F	C217	045-1011-50	100pF	R202	117-2201-15	1/10W 22 Ω
C112	046-3332-78	0.033 μ F	C301	163-1073-35	16V100 μ F	R203	033-1041-15	1/16W 100k Ω
C113	168-1042-78	0.1 μ F	C302	168-1042-78	0.1 μ F	R204	033-1041-15	1/16W 100k Ω
C114	168-1042-78	0.1 μ F	C303	043-0533-50	0.047 μ F	R205	033-1041-15	1/16W 100k Ω
C115	046-4712-58	470pF	D201	001-0516-90	MA111	R206	033-1041-15	1/16W 100k Ω
C116	046-4712-58	470pF	IC101	051-6376-00	TC94A14FA	R207	033-1041-15	1/16W 100k Ω
C117	043-0533-50	0.047 μ F	IC102	051-3279-90	BA033LBSG	R208	033-8231-15	1/16W 82k Ω
C118	043-0533-50	0.047 μ F	IC201	051-5710-90	TA2157F	R209	033-6811-15	1/16W 680 Ω
C119	045-2701-50	27pF	IC301	051-6049-08	BA5983FP-E2	R210	033-6831-15	1/16W 68k Ω
C120	045-1801-50	18pF	J101	074-1228-76	26P	R211	033-1831-15	1/16W 18k Ω
C121	163-1063-35	16V10 μ F	J201	074-1138-65	15P	R212	033-2721-15	1/16W 2.7k Ω
C122	178-1052-78	1 μ F	J301	074-1138-60	10P	R213	033-1011-15	1/16W 100 Ω
C123	046-1032-78	0.01 μ F	L101	010-2285-57	BLM21B102SPT	R214	033-1021-15	1/16W 1k Ω
C124	163-1073-05	4V100 μ F	L102	010-2285-57	BLM21B102SPT	R215	033-1031-15	1/16W 10k Ω
C125	168-1042-78	0.1 μ F	L103	010-2285-57	BLM21B102SPT	R217	033-1041-15	1/16W 100k Ω
C126	168-1042-78	0.1 μ F	L104	010-2285-57	BLM21B102SPT	R218	033-2211-15	1/16W 220 Ω
C129	178-1052-78	1 μ F	L105	010-2285-57	BLM21B102SPT	R301	117-6811-15	1/16W 680 Ω
C201	163-3363-05	4V33 μ F	L401	010-3050-93	10 μ H	R304	033-3921-15	1/16W 3.9k Ω
C202	168-1042-78	0.1 μ F	Q201	131-1188-50	2SB1188	R305	033-3921-15	1/16W 3.9k Ω
C203	178-1052-78	1 μ F	R102	033-5621-15	1/16W 5.6k Ω	R306	033-1041-15	1/16W 100k Ω
C204	163-1073-05	4V100 μ F	R104	033-4731-15	1/16W 47k Ω	R307	033-2211-15	1/16W 220 Ω
C205	163-3363-05	4V33 μ F	R105	033-1041-15	1/16W 100k Ω	X102	060-1528-90	16 934M
C206	168-1042-78	0.1 μ F	R108	033-1531-15	1/16W 15k Ω			

LED PWB section(B7):CD mechanism

REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR
D2	001-7058-90	AN1105W-RR
J1	074-1138-60	10P
Q1	060-4015-90	PS1192H
Q2	060-4015-90	PS1192H
S1	013-7414-50	CHUCKING
S2	013-7413-50	LIMIT

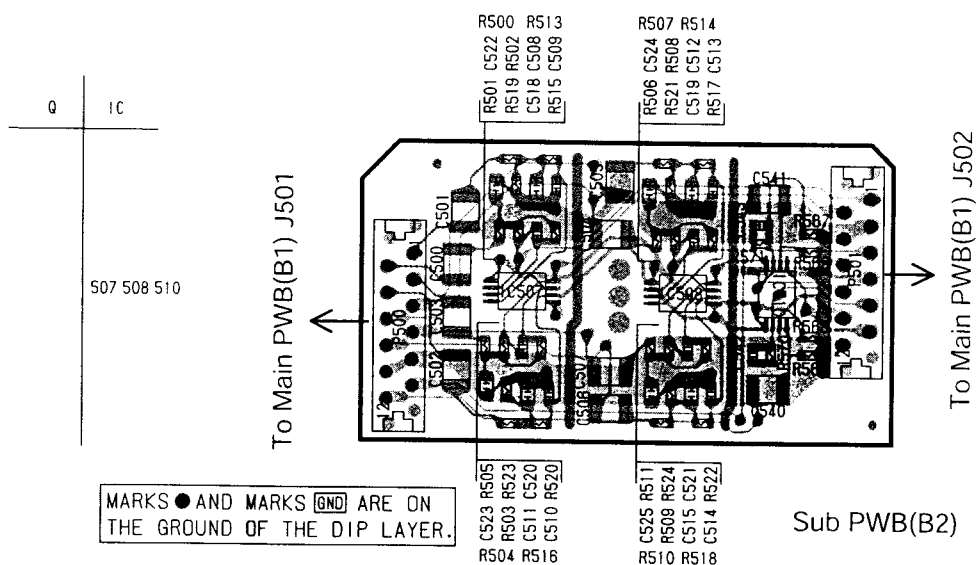
■ CIRCUIT DIAGRAM 1/9

Sub PWB(B2) section



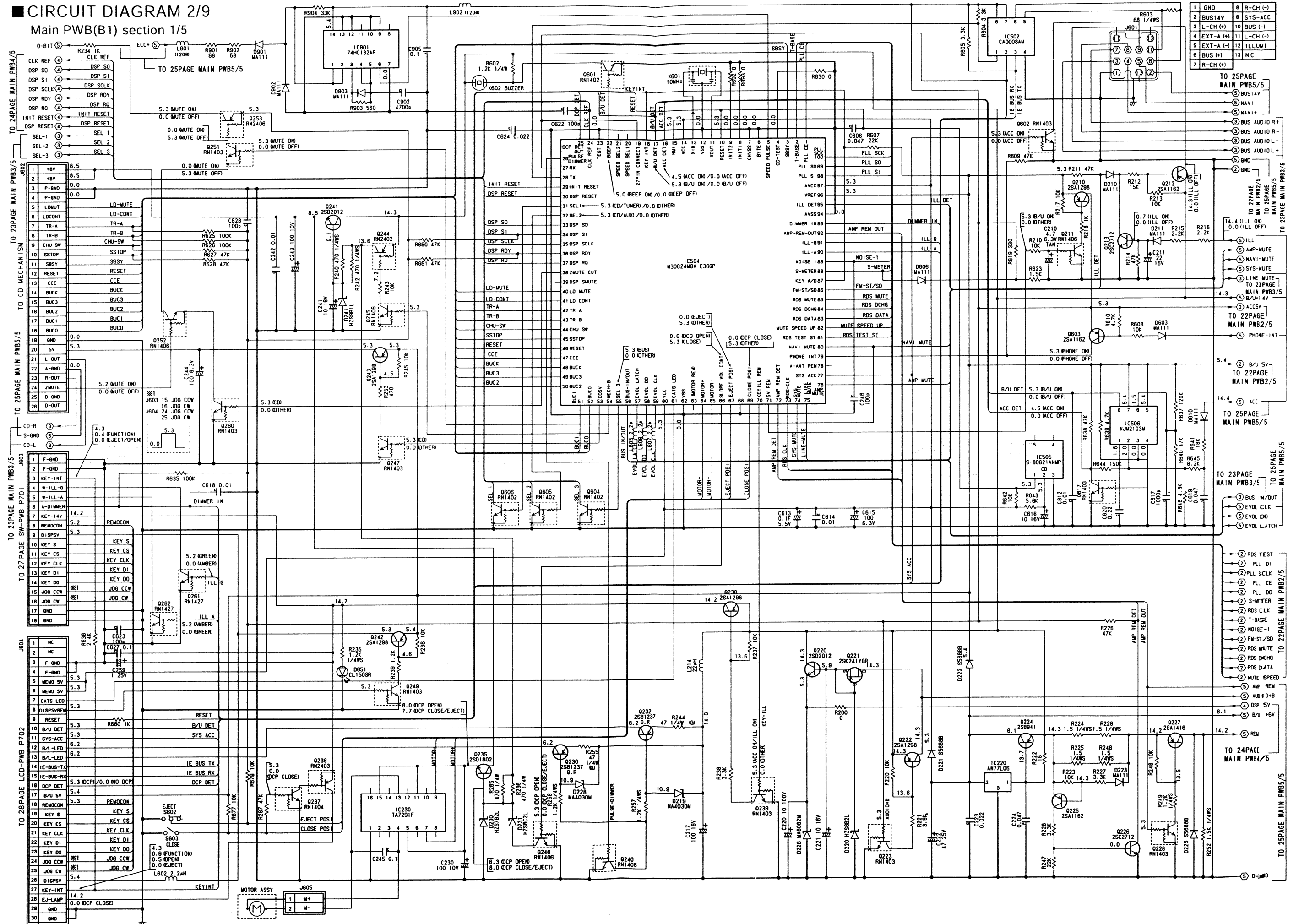
■ PRINTED WIRING BOARD 1/4

Sub PWB(B2) section



CIRCUIT DIAGRAM 2/9

Main PWB(B1) section 1/5



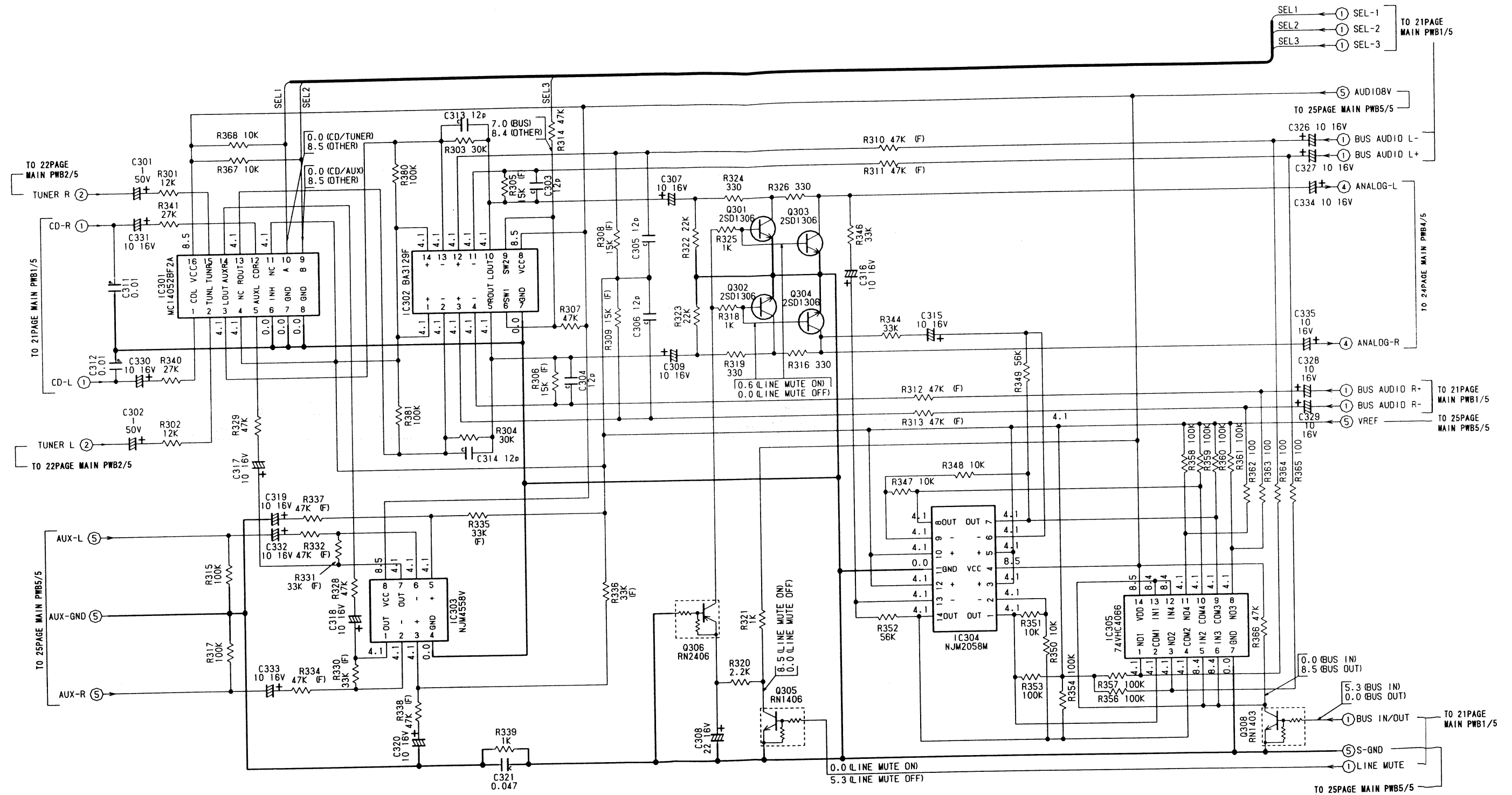
Main PWB(B1) section 2/5



DXZ928R

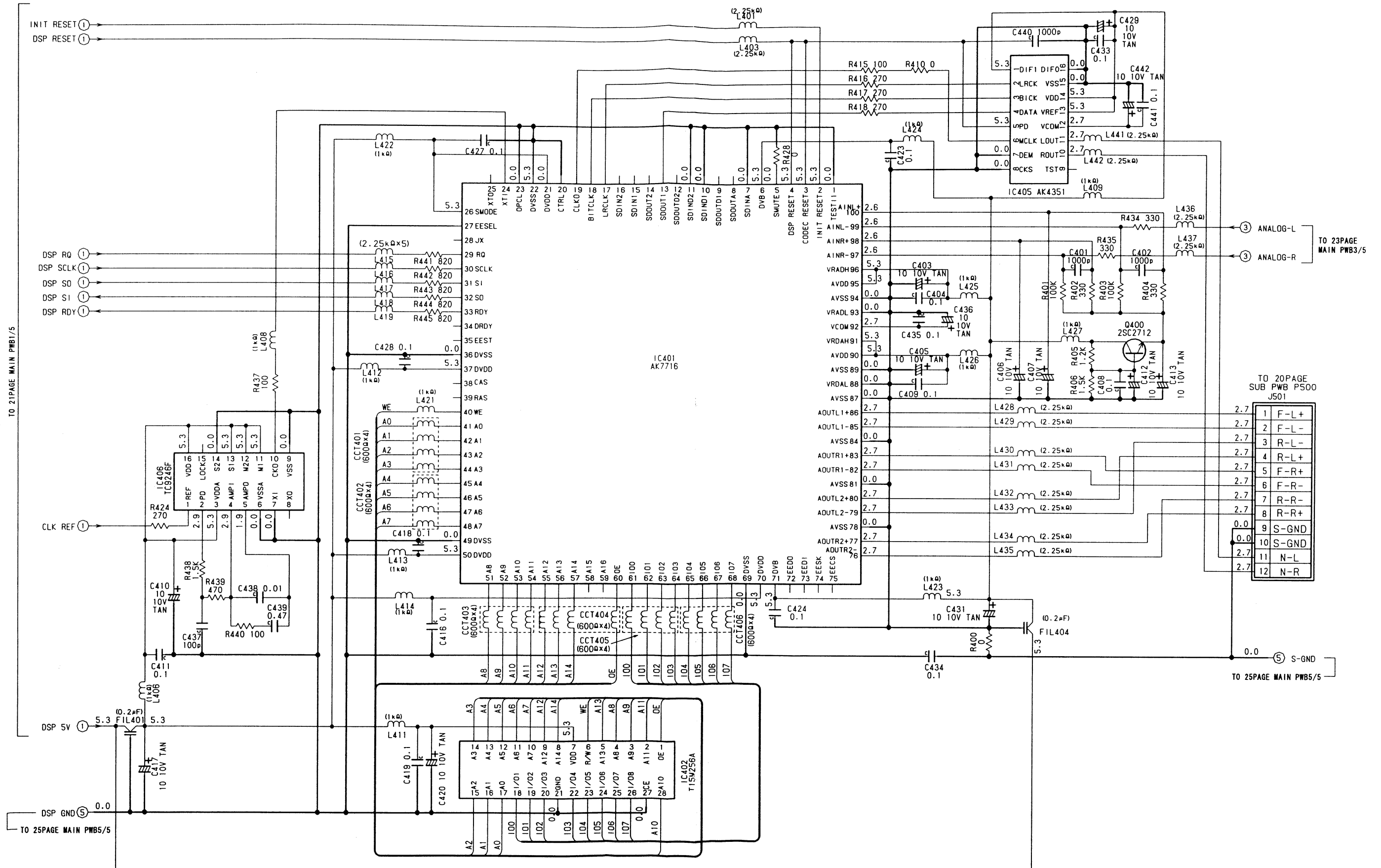
■ CIRCUIT DIAGRAM 4/9

Main PWB(B1) section 3/5



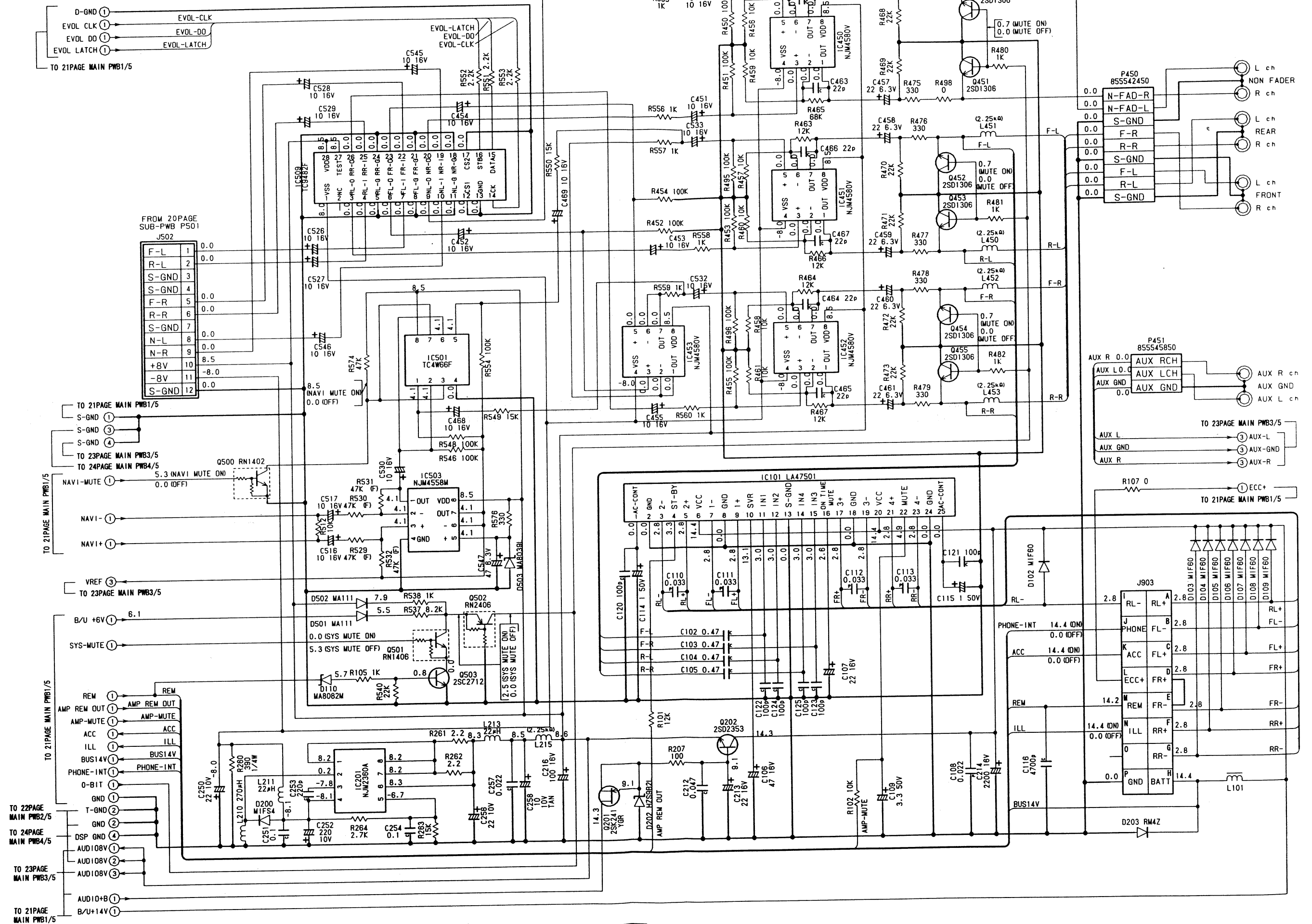
CURCUIT DIAGRAM 5/9

Main PWB(B1) section 4/5



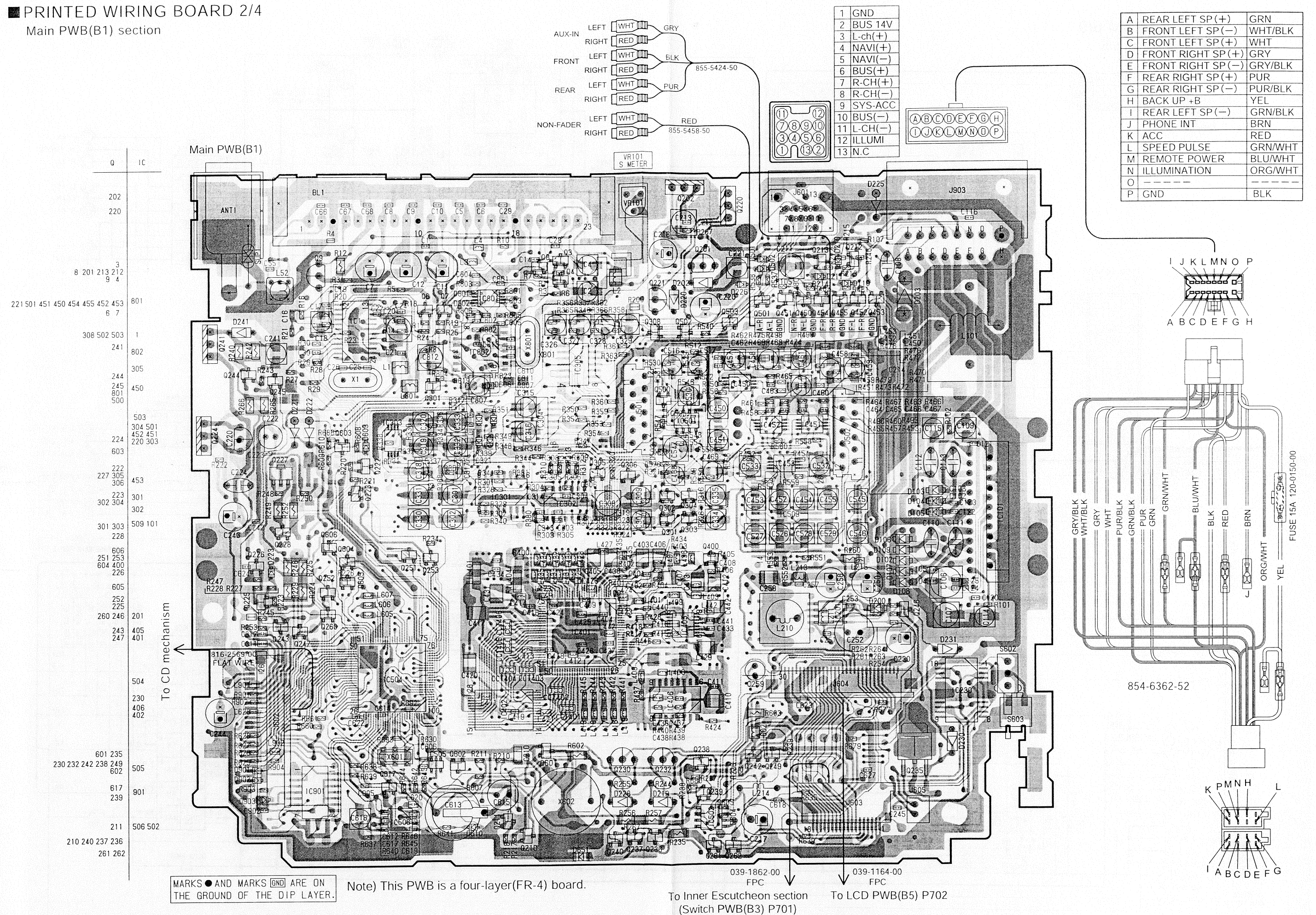
■ CIRCUIT DIAGRAM 6/9

Main PWB(B1) section 5/5

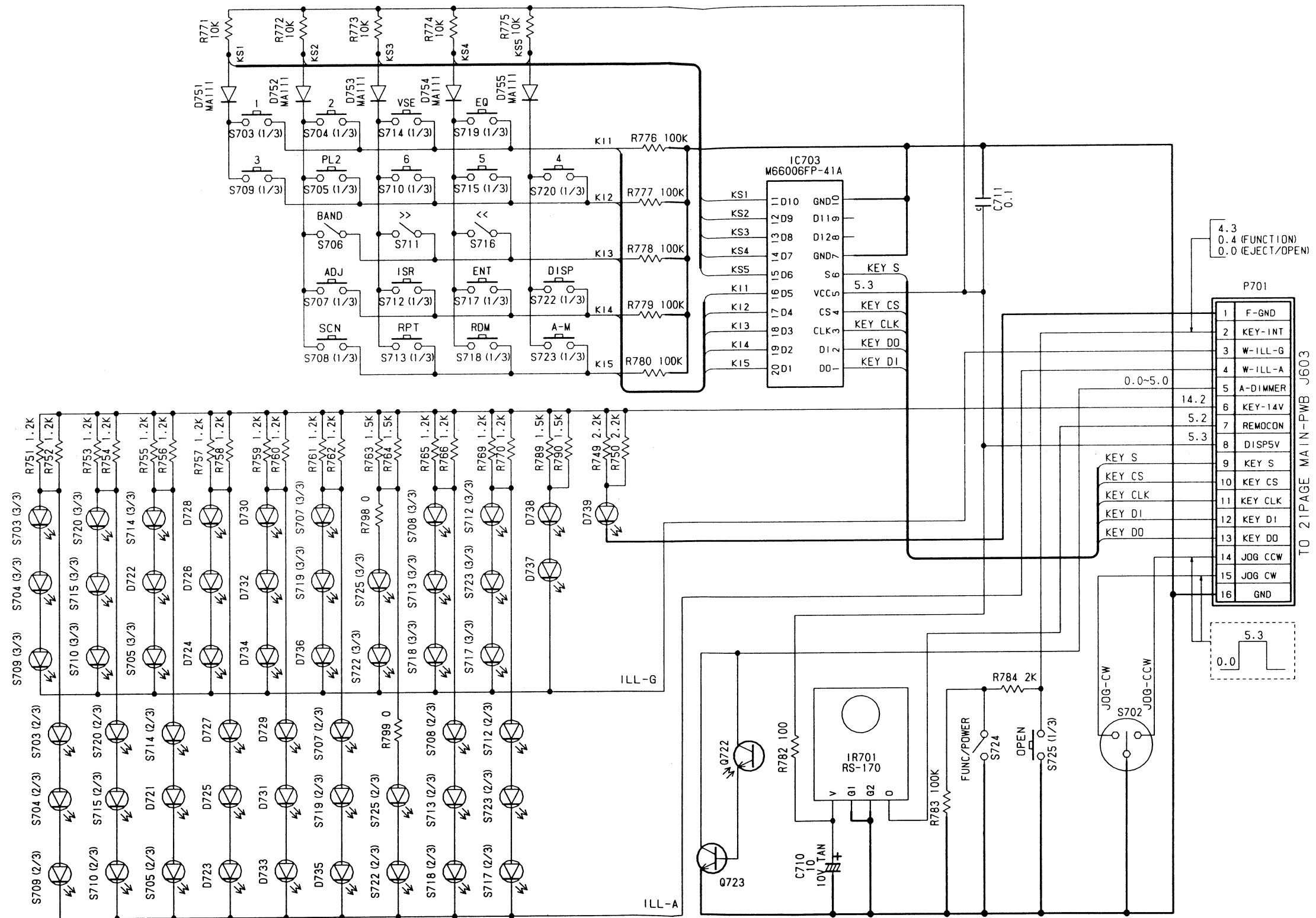


PRINTED WIRING BOARD 2/4

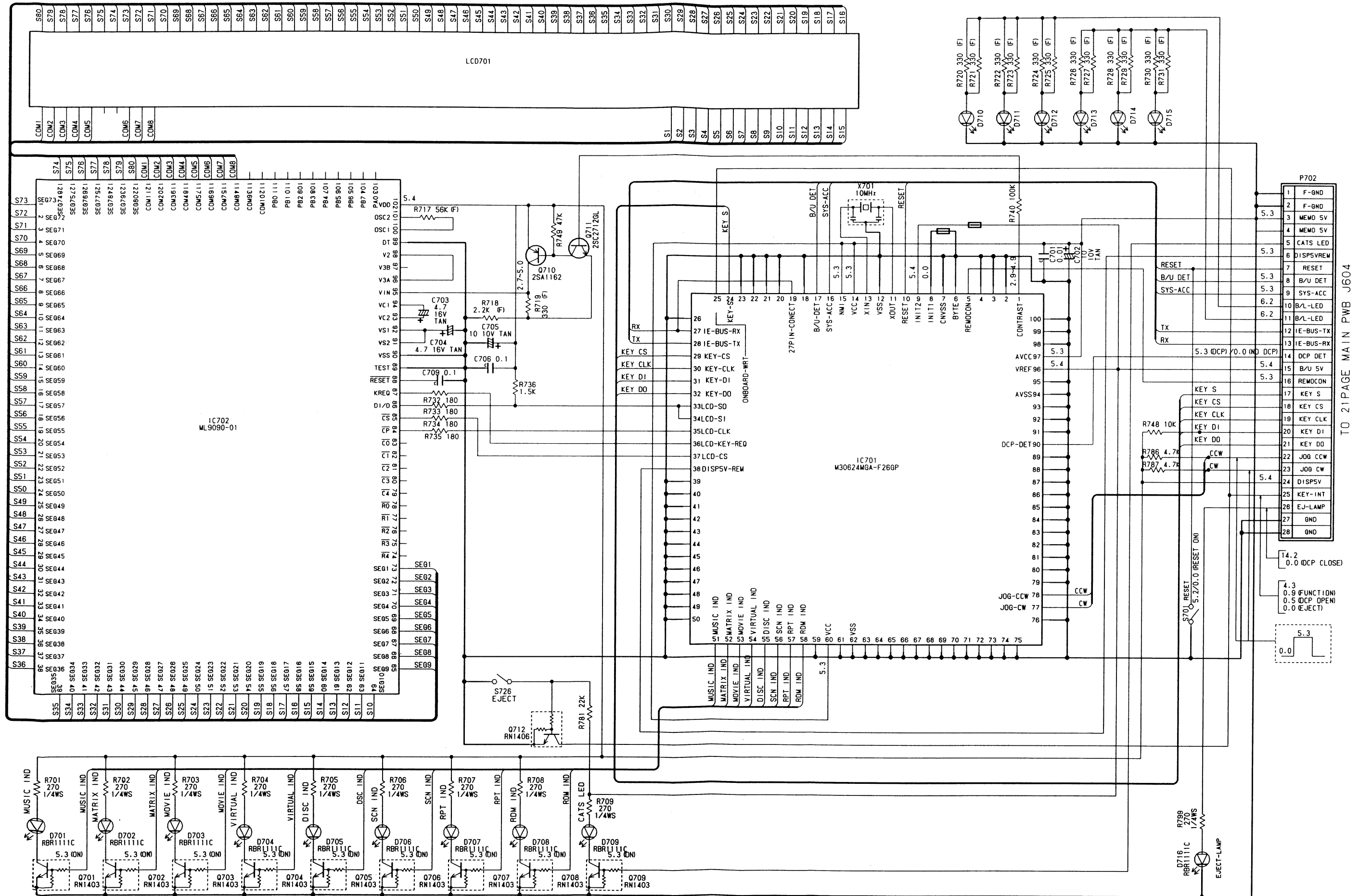
Main PWB(B1) section



■ CIRCUIT DIAGRAM 7/9
Switch PWB(B3) section



■ CURCUIT DIAGRAM 8/9
LCD PWB(B5) section



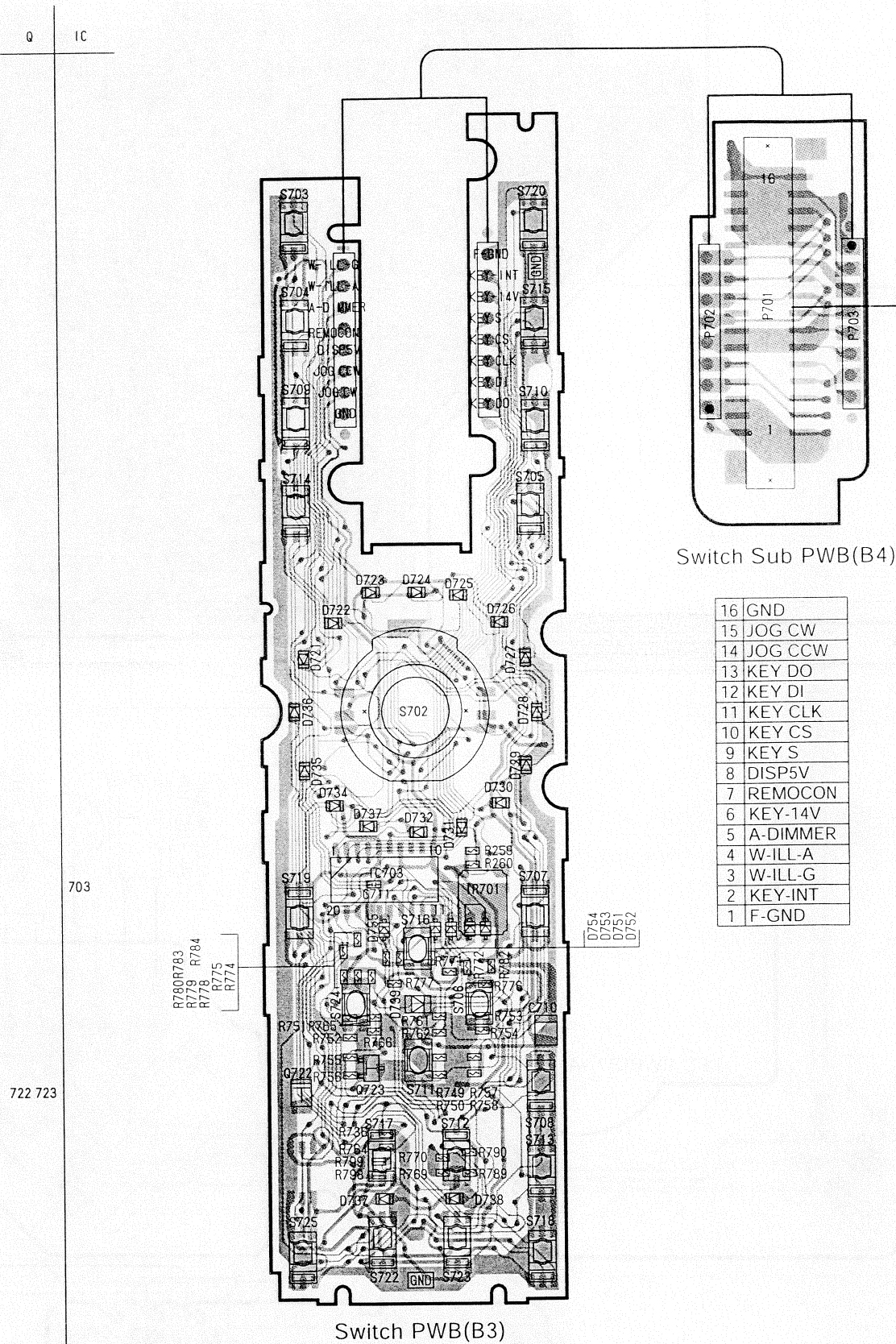


- 30 -



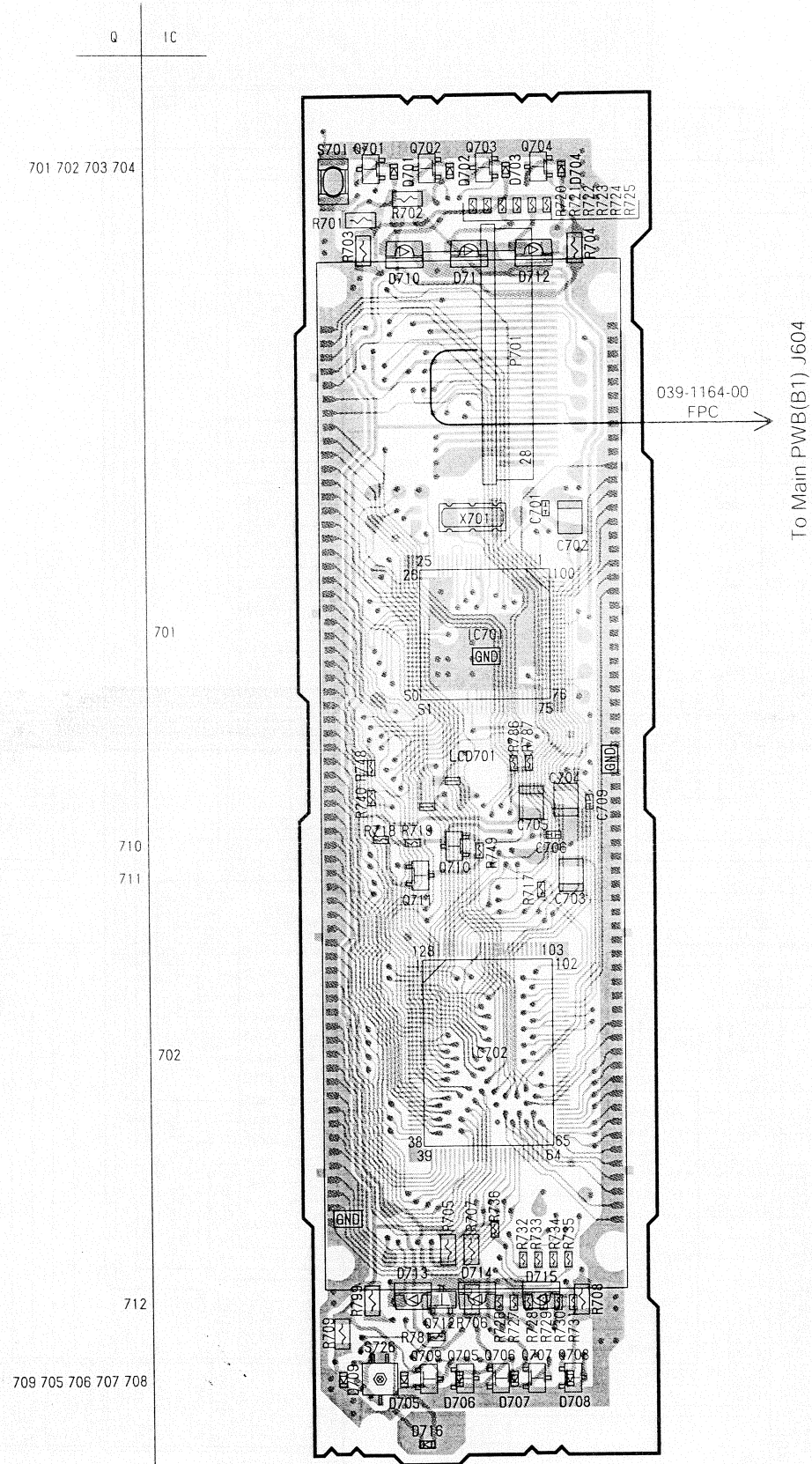
DXZ928R

■ PRINTED WIRING BOARD 3/4 Switch PWB(B3)/Switch Sub PWB(B4) section



Switch PWB(B3)
MARKS ● AND MARKS [GND] ARE ON THE GROUND OF THE DIP LAYER.

LCD PWB(B5) section



LCD PWB(B5)
MARKS ● AND MARKS [GND] ARE ON THE GROUND OF THE DIP LAYER.

Note) This PWB is a four-layer(FR-4) board.